FOREIGN CROPS AND MARKETS

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Contents

Beginning with this number the Foreign Crop and Livestock Reports, heretofore published semi-monthly, will be issued weekly under the new title FOREIGN CROPS AND MARKETS. As the new title suggests, the scope of FOREIGN CROPS AND MARKETS will be broadened to include current and statistical information on foreign markets and market conditions, including statistics on consumption, international trade, and the various economic factors that enter into the supply and demand for agricultural commodities in foreign countries.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT.

Argentina's wheat crop of 1921-22 is 154,873,00 bushels, in the first official estimate, or 91.2% of the crop of 1920-21 and 90.6% of the average of the five-years 1915-16 to 1919-20. Recent reports state that the quality of the grain is generally good.

ARGENTINA CROP 91.2% OF LAST YEAR

The official estimate of the area of wheat in Chile for 1921-22 is given as 1,314,000 acres compared with 1,152,000 acres in 1920-21 and 1,227,000 for the five-year average. The estimated production for 1921-22 is 23,833,000 bushels compared with 25,180,000 for the previous year and 21,206,000 for the five year average.

AREA AND YIELD IN CHILE SHOW DECREASE

The crop of 8,330,000 bushels in Uruguay is 7.2% greater than that of the preceding year and 1.2% greater than the five-year average.

In Australia, the wheat crop is 134,184,000 bushels in the latest estimate which is 8.6% below 1920-21 and 14.6% above the five-year average. Fine weather has favored threshing and the quality of the grain is generally good.

PRODUCTION IN AUSTRALIA 8.6% BELOW LAST YEAR

The first forecast of the area sown to wheat in India for 1921-22 as published by the Department of Statistics, India, is 27,739,000 acres or an increase of 20.7% over the corresponding preliminary estimate for 1920-21 and 4.1% below the five-year average. The growing conditions are good throughout India. Recent rains have benefited the crop over the Punjab, United and Central Provinces.

AREA IN INDIA SHOWS INCREASE OVER LAST YEAR

The area sown to winter wheat in France for 1921-22 is officially given as 11,860,000 acres compared with 12,445,000 acres sown in 1920-21. The area sown in Finland for 1921-22 is 20,000 acres compared with 19,800 in 1920-21. The total acreage sown to wheat in Europe for 1921-22 for the countries for which figures are available (Roumania, Bulgaria, Spain, France, Belgium, and Finland) is 27,591,000 acres compared with 30,124,000 acres for 1920-21 or a decrease of 8.4%. Recent rains have greatly benefited the crop in France and northern Italy. Dry weather and frosts have been detrimental in Germany and Czechoslovakia. Conditions are reported to be favorable in the United Kingdom.

FALL SOWN AREA IN EUROPE SHOWS DECREASE

The area sown to winter wheat in Algeria for 1921-22 is reported as 1,087,000 acres compared with 1,804,000 in 1920-21 or a reduction of 717,000 acres. The area sown in Tunis for 1921-22 is estimated at

1,285,000 acres compared with 1,500,000 for last year or a reduction of 215,000 acres. This considerable reduction in acreage in Algeria and Tunis is due to the variable weather conditions which have interfered seriously with seeding.

ACREAGE IN ALGERIA AND TUNIS REDUCED

Some winter killing of the crop is feared in Canada due to the severity of the winter but the extent of the damage is not yet known. Further deterioration is reported in the southwestern section of the United States and some winter killing in the southern section of the North Central States. The condition in the eastern section of the country and in the far western States is quite favorable.

CORN.

The present prospect indicates that the corn crop will be large in Argentina. Growing conditions are very favorable and little damage from insect pests is as yet reported. Some damage is reported to the crop in the Union of South Africa from excessive rains.

CONDITION GOOD IN ARGENTINA

COTTON.

The final estimate of the area sown to cotton in British India for 1921-22 is estimated at 18,485,000 acres compared with 21,016,000 for 1920-21 or a decrease of 13% and a decrease of 15% compared with the area for the five-year average 1915-16 to 1919-20 of 21,814,000 acres. The production for 1921-22 is estimated at 3,749,000 bales (478 lbs. net weight) compared with 2,976,000 bales in 1920-21 or an increase of 24% and an increase of 2% over the five-year average production of 3,685,000 bales. The total production of cotton for 1921-22 for the three leading producing countries of the world, United States, British India, and Egypt, was 12,773,000 bales compared with 17,667,000 for the previous year and 16,261,000 bales for the five-year average.

PRODUCTION IN INDIA SHOWS AN INCREASE OF 24% OVER LAST YEAR

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SOWINGS OF WINTER CEREALS 1921-22

SPECIFIED COUNTRIES:

Country.	Area (000 omitted.)					
	Winter Wheat.			Winter Rye.		
	1915-16 to 1919-20.	1920-21	1921-22	1915-16 to 1919-20.	1920-21	1921-22
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Belgium	.....	305	351	...	523	225
Bulgaria	2,125	2,481	1,840	396	404	401
Finland	18	20	20	a 589	605	613
France	11,429	12,445	11,860	2,076	2,162	...
Latvia	.....	....	....	....	608	c 702
Roumania	b 4,770	4,647	3,598	b d 584	500	404
Spain	9,912	10,227	9,922	1,850	1,759	...
Algeria e ...	.....	1,955	1,087	....	3	...
Tunis	1,459	1,334	1,285	....	....	...
Canada	946	792	842	....	....	...
United States.	42,857	44,847	44,293	5,429	4,228	5,184

a Average 1916-17 to 1919-20.
b Former Kingdom and Bessarabia only.
c Wheat and rye.
d Average 1915-16 and 1916-17.
e Not including Department of Oran.

CROPS IN GENERAL.

IRELAND:

PRODUCTION OF UNDERMENTIONED CROPS IN 1909-13, 1920 AND 1921.

Crop.	1909-1913.	1920.	1921.
	Bushels.	Bushels.	Bushels.
Wheat	1,608,000	1,402,000	1,448,000
Oats	63,033,000	53,648,000	56,240,000
Barley	7,493,000	7,224,000	2,950,000
Potatoes	119,874,000	74,141,000	95,424,000

(United States Agricultural Commissioner, London.)

CROPS IN GENERAL.-CONT'D.

SWEDEN.

PRODUCTION 1913-18, 1920 AND 1921.

Crop.	Production (000 omitted)		
	1913-18.a	1920.	1921.
	Bushels.	Bushels.	Bushels.
Wheat:			
Winter	8,201	9,284	11,219
Summer	619	1,244	1,358
Rye:			
Winter	20,693	22,231	26,957
Summer	635	824	854
Barley	13,251	11,012	12,326
Oats	73,525	70,599	76,598
Mixed grains	12,610	17,051	18,773
Peas	1,152	2,107	2,088
Beans	125	120	130
Vetches	372	259	259
Potatoes	67,219	61,639	68,525
	Short tons.	Short tons.	Short tons.
Sugar beets	964	1,146	1,479
Fodder roots	3,087	2,822	3,217
Hay	4,828	5,850	4,705
Straw	4,184	4,447	4,316

a From Arsvaxten.

(Consular Letter)

CHILE.

AREA AND PRODUCTION OF UNDERMENTIONED CROPS.

AREA.

Crop.	1915-16 to 1919-20.	1920-21.	1921-22.
	Acres.	Acres.	Acres.
Wheat	1,227,000	1,152,000	1,314,000
Oats	96,000	56,000	60,000
Barley	116,000	139,000	128,000

PRODUCTION.

	Bushels.	Bushels.	Bushels.
Wheat	21,206,000	25,180,000	23,883,000
Oats	4,037,000	2,715,000	2,118,000
Barley	3,972,000	5,385,000	3,690,000

(United States Agricultural Commissioner, Argentina)

CROPS IN GENERAL CONT'D.

ARMENIA.

Armenia is essentially an agricultural country. It is estimated that there are 5,505,000 acres devoted to agriculture and stock-raising, 279,000 acres of forest land and 85,000 acres of vineyards and orchards. The principal crops are rice (about 23,000,000 pounds annually), cotton (about 18,000,000 pounds), grapes (152,000,000 pounds). The yearly production of wine amounts to about 8,000,000 gallons. The country exports rice, cotton, grapes and wine.

(L'Economiste Francais, Paris)

LIVESTOCK.

JAPAN.

NUMBER ON HAND, 1912-16, 1917, 1918 AND 1919.

Classification.	1912-1916.	1917.	1918.	1919.
Cattle	1,381,000	1,304,000	1,307,000	1,345,000
Swine	323,000	360,000	398,000	470,000
Sheep	3,000	3,000	5,000	5,000
Goats	99,000	110,000	92,000	125,000
Horses	1,579,000	1,560,000	1,511,000	1,480,000

(The Annual Statistics of Annual Industry in Japan. Bureau of Agriculture.)

ROUMANIA.

The following table shows the number of livestock in old and new Roumania for the years 1920 and 1919 with comparisons for each province with an earlier year.

LIVESTOCK.-CONT'D.

ROUMANIA.-CONT'D.

Province and year.	(000 omitted)					
	Cattle.	Swine.	Sheep.	Goats.	Horses.	Mules and asses.
Bessarabia:						
1920 a	791	541	2,032	15	421	(b)
1919	663	346	1,594	16	403	(b)
Bukowina:						
1919	181	83	100	3	36	(b)
1910	334	219	189	3	70	(b)
Transylvania:						
1920 a	1,985	....	....	....	....	....
1919	1,927	1,033	2,790	149	339	2
1911	2,402	1,929	4,115	258	715	7
Former Kingdom:						
1919	1,863	822	3,306	182	603	1
1916	2,938	1,402	7,751	301	1,219	13
Total:						
1919	4,634	2,289	7,791	355	1,380	3

a International Institute of Agriculture.
b Less than 500.

(Statistica Animalelor Domestice din Regatul Roman in Anul 1919, Roumania)

GEORGIA (REPUBLIC OF).

The number of livestock is approximately as follows: 1,500,000 cattle; 250,000 horses; 2,000,000 or more sheep and goats; and 4,000,000 swine.

(L'Economiste Francais, Paris.)

AZERBAIJAN (REPUBLIC OF).

The number of livestock in Azerbaijan in 1918 amounted to 1,212,000 cattle; 240,000 horses, mules and asses; 300,000 buffaloes; 16,000 camels; 2,879,000 sheep; and 442,000 goats.

LIVE STOCK.-CONT'D.

LATVIA:

Preliminary Estimate of Live Stock June, July 1921.

Districts.	Horses.	Cattle.	Sheep.	Pigs.
Livonia 1921	86,000	321,000	408,000	172,000
1920	82,000	313,000	368,000	172,000
1913	90,000	355,000	425,000	185,000
Courland 1921	51,000	136,000	245,000	86,000
1920	49,000	139,000	228,000	96,000
1913	76,000	165,000	138,000	88,000
Semigale 1921	54,000	135,000	168,000	96,000
1920	47,000	120,000	120,000	89,000
1913	66,000	185,000	168,000	117,000
Latgale 1921	91,000	207,000	310,000	128,000
1920	73,000	174,000	249,000	116,000
1913	89,000	207,000	265,000	167,000
Latvia 1921	282,000	799,000	1,131,000	482,000
1920	261,000	746,000	977,000	480,000
1913	320,000	912,000	996,000	557,000

(The Latvian Economist quoting the Statistical Bureau.)

SUGAR AND SUGAR BEETS.

FINLAND:

Area and Production, 1919-1921.

Year.	Number of cultivators.	Area cultivated.	Production of beets.
	Number.	Acres.	Short tons.
1921	3,402	2,632	15,997
1920	3,322	2,569	9,026
1919	2,480	1,476	5,529

(Consular Letter).

SUGAR AND SUGAR CANE.

HAWAII:

Campaigns ending September 30, 1918 to 1921.

(1921 figures subject to revision).

Years and Islands.	Sugar made (chiefly raw).	Cane used for sugar. Area harvested.	Average yield per acre	Production	Average extraction of sugar. Per cent of cane	Per short ton of cane	Average time actual operation.	Total acreage in cane.
TERRITORY OF HAWAII	Short tons.	Acres.	Short tons	Short. tons.	Per cent.	Lbs.	Days.	Acres.
1913-1917 average	608,390	116,000	42	4,928,000	12.35	247	183	243,700 a
1918	576,700	119,800	41	4,855,000	11.88	238	184	276,800
1919	600,312	119,700	40	4,744,000	12.65	253	178	239,900
1920	555,727	114,100	39	4,473,000	12.42	248	175	247,900
1921	521,579	113,100	41	4,657,000	11.20	224	202	236,500
Island of Hawaii								
1920	186,062	50,800	31	1,595,000	11.67	233	168	115,400
1921	195,267	52,600	34	1,790,000	10.91	218	191	108,200
Island of Kauai:								
1920	104,938	21,900	41	897,000	11.70	234	201	42,800
1921	83,569	19,800	45	884,000	9.45	189	219	42,700
Island of Maui:								
1920	135,396	19,900	48	947,000	14.35	287	138	44,300
1921.....	116,630	19,200	46	876,000	13.31	266	177	38,500
Island of Oahu:								
1920	128,831	21,500	48	1,034,000	12.46	249	220	45,400
1921	126,113	21,500	51	1,107,000	11.39	228	243	47,100

a Three year average 1915-1917.

SESAMUM.

INDIA:

The final memorandum of the Indian Government gives the area under sesamum for 1921-22 as 4,450,000 acres as compared with 4,081,000 acres in 1920-21 and 4,468,000 the average for the five preceding years. The production for 1921-22 amounted to 504,000 short tons as compared with 374,000 short tons in 1920-21 and 433,000 short tons for the preceding five years.

(Department of Statistics, India).

PEANUTS.

INDIA:

The estimate for the 1921-22 production of peanuts as given by the Final General Memorandum is 1,030,000 short tons. This shows a reduction of 13,000 tons compared with the yield of 1920-21 and of 42,000 tons compared with the five-year average 1915-16 to 1919-20.

(Department of Statistics, India).

CACAO.

SPECIFIED COUNTRIES:

Production, 1920, 1919 and 1913.

Country.	Production (000 omitted).		
	1920.	1919.	1913.
	Pounds.	Pounds.	Pounds.
Gold Coast	279,102	394,593	113,116
Brazil	115,984	114,333	60,274
Ecuador	92,168	76,076	87,102
Trinidad	62,712	60,717	48,115
St. Thomas	42,430	110,109	77,844
Dominican Republic	44,092	50,706	42,924
Venezuela	33,069	35,274	33,373
Lagos	66,138	56,892	8,111
Grenada	8,818	9,645	11,592
Fernando Po	13,228	7,520	6,228
16 Other Countries(small)	110,230	77,926	51,096

(Der Tropenpflanzer, Berlin).

TOBACCO.

ALGERIA:

Area and Production, 1911-15, 1920, 1921.

Year	Area	Production
	Acres	Pounds
1920	47,000	40,485,000
1919	42,000	34,546,000
1911-1915	24,000	21,812,000

(Le Mercure Africain).

PEPPER

DUTCH EAST INDIES:

Production, 1914 to 1919.

Year	Production	Year	Production
	Pounds		Pounds
1914	47,419,000	1917	61,762,000
1915	49,050,000	1918	57,097,000
1916	51,497,000	1919	88,433,000

(De Indische Mercuur).

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. March 8, 1922 NO. 5 (*)

Contents

(*) Those who are desirous of preserving their copies of FOREIGN CROPS AND MARKETS, in permanent form for future reference, will be interested to know that in this and in future issues the pages will be numbered consecutively for each volume. This is a departure from the plan followed in the Foreign Crop and Livestock Reports, which have been issued since April, 1919, with complete paging for each issue, the last of which was No. 70, issued on February 15, 1922. The first issue of FOREIGN CROPS AND MARKETS, therefore, corresponds to No. 71 of the Foreign Crop and Livestock Reports, the fourth number issued in 1922. Through inadvertence that issue was given No. 5 instead of No. 4. The March 1, 1922 number should therefore be corrected accordingly.

CROPS IN GENERAL.

CONDITION OF CROPS IN EGYPT ON FEBRUARY 1.

The condition of the wheat crop has been improved by the recent rains and is only a little below average. The first ears have formed in early sown localities in Middle and Upper Egypt.

The barley crop was sown very late but is growing well. The condition of the crop is slightly below average.

The bean crop is generally flowering and pods are forming. Rains and wind have caused some shedding of flowers. The condition of the crop on the whole, is slightly below average.

The onion crop is healthy and its condition is normal. The lentil crop is good and free from pests.

A large proportion of the sugar cane crop was cut during the past month. Attacks of mealy-bug and stem-borer are reported but the damage does not appear to be serious. The condition of the crop is slightly above average.

The first cut of the Bersim crop was general and the second is commencing. The condition of the crop is slightly below average.

(Summarized from the Report of the Ministry of Agriculture, Egypt).

FRANCE:

Autumn Sowings, 1922.

(Estimated January 1, 1922).

Crop	Area			Condition of Crop. b.	
	1922	1921	a 1915 to 1919	1922	1921
	Acres	Acres	Acres		
Winter wheat	11,859,000	12,137,000	11,429,000	59	69
Maslin (Mixed grain)	255,000	241,000	.....	61	72
Rye	2,055,000	2,052,000	2,076,000	65	72
Winter barley	356,000	357,000	291,000	60	71
Winter oats	1,737,000	1,849,000	1,715,000	60	73

a. From International Institute of Agriculture. Alsace-Lorraine included.
b. 100 to 60 = very good, good or fairly good, 59 to 50 = fair, 49 to 30 = poor.

(French Ministry of Agriculture quoted in the Journal I'Agriculture, Pratique, France).

CROPS IN GENERAL,-CONT'D.

URUGUAY:

The following table gives the estimates for the 1921-22 grain crops of Uruguay as calculated by the Bureau of Agricultural Statistics.

Crop	1915-16 to 1919-1920	1920-1921	1921-1922
	Bushels	Bushels	Bushels
Wheat	8,231,000	7,768,000	8,330,000
Linseed	455,000	1,056,000	857,000
Oats	2,135,000	1,986,000	3,064,000
Barley	96,000	169,000	94,000

(Consular Reports).

CANADA:

Area and Production,
Average 1915-20, 1920 and 1921.*

Crops	Area, (000 omitted)			Production (000 omitted)		
	Average 1916-20	1920	1921	Average 1916-20	1920	1921
	Acres	Acres	Acres	Bushels	Bushels	Bushels
Wheat	16,968	18,232	23,261	228,410	263,189	300,858
Oats	13,980	15,850	16,949	432,926	530,710	426,233
Barley	2,509	2,552	2,796	58,963	63,311	59,709
Rye	464	650	1,842	7,350	11,306	21,455
Peas	201	186	193	2,298	3,528	2,770
Beans	102	72	62	1,581	1,265	1,090
Buckwheat	422	378	361	8,809	8,995	8,230
Mixed grains	709	812	861	24,535	32,421	22,272
Flaxseed	1,033	1,428	533	6,744	7,998	4,112
Corn for husking	243	292	297	11,905	14,335	14,904
Potatoes	694	785	702	101,388	133,831	107,246
Turnips and Mangolds	259	290	228	90,350	116,391	79,150
				Short ton	Short ton	Short ton
Hay and clover	9,513	10,379	10,615	14,534	13,339	11,366
Alfalfa	174	239	264	415	584	662
Fodder corn	452	589	585	3,994	5,642	6,362
Sugar beets	22	36	28	204	412	268

* 1921 estimates subject to further revision.

(Monthly Bulletin of Agricultural Statistics, Canada).

CROPS IN GENERAL,-CONT'D.

PORTO RICO:

Cultivated and Uncultivated Land 1914-15 to 1918-19.

Distribution of Land	Area				
	1914-15	1915-16	1916-17	1917-18	1918-19
	Acres	Acres	Acres	Acres	Acres
Sugarcane	211,000	203,000	205,000	256,000	239,000
Coffee	165,000	167,000	168,000	148,000	159,000
Tobacco	18,000	16,000	13,000	24,000	23,000
Pineapples	4,000	3,000	3,000	3,000	3,000
China root (a medicinal root)	5,000	5,000	5,000	6,000	6,000
Cocoa trees	6,000	6,000	7,000	9,000	9,000
Small fruits	102,000	102,000	103,000	95,000	102,000
Pasture land	1,030,000	1,056,000	1,062,000	1,002,000	1,015,000
Timber and wood	431,000	422,000	434,000	458,000	446,000
Mangrove trees	16,000	14,000	15,000	16,000	19,000
Other land	66,000	51,000	33,000	46,000	51,000

(Revista de Agricultura de Puerto Rico).

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LIVE STOCK.

BRITISH GUIANA:

The report of the Department of Science and Agriculture for 1920 gives the following figures of the number of live stock in the colony in the years 1915 and 1919:

	1915	1919
	Number	Number
Cattle	98,000	106,000
Sheep	22,000	20,000
Swine	14,000	16,000

An estimate of the number of cattle in 1920, published by Government Authority in June 1921 was 86,000 head.

(Consular Letter).

LIVE STOCK,-CONT'D

PHILIPPINE ISLANDS:

Contrary to common belief, the Bureau's figures show that increases in the number of carabaos, cattle, horses, hogs, goats and sheep have been registered steadily since 1910 despite serious epidemics of epizootic diseases. Since 1910 carabaos have increased 96%, cattle 175%, horses 79%, hogs 90%, goats 73% and sheep 89% as shown by the following table:

(000 omitted)

Year	Carabaos	Cattle	Horses	Hogs	Goats	Sheep
1910	706	243	138	1,637	422	89
1911	809	290	147	1,662	441	93
1912	911	337	162	1,735	477	98
1913	1,047	413	179	2,017	529	104
1914	1,147	478	216	2,286	592	118
1915	1,222	534	223	2,521	645	130
1916	1,229	567	203	2,735	662	142
1917	1,271	603	214	2,811	723	156
1918	1,338	601	234	2,894	741	166
1919	1,388	679	255	3,130	732	168

(Twentieth Annual Report of The Bureau of Agriculture, Philippine Islands).

UNITED KINGDOM (SCOTLAND):

Number on Hand 1921 and 1920

Live Stock	June 4 - 1921	June 4 - 1920
Horses used for agricultural purposes (including mares for breeding)	139,000	138,000
Unbroken horses (one year and above).....	40,000	37,000
(including stallions (under one year)..	13,000	15,000
Total	192,000	190,000
Other horses	25,000	24,000
Total of Horses...	217,000	214,000

LIVE STOCK.-CONT'D.

UNITED KINGDOM (SCOTLAND):-CONT'D.

Number on Hand 1921 and 1920.

Live Stock	June 4 - 1921	June 4 - 1920
Cows in milk	346,000	350,000
Cows in calf, but not in milk	42,000	38,000
Heifers in calf	55,000	46,000
Bulls being used for service	18,000	18,000
Other cattle: Two yrs. and above	228,000	228,000
" " One year and under two	232,000	269,000
" " Under one year	221,000	216,000
Total of Cattle	1,143,000	1,165,000
Ewes kept for breeding	2,815,000	2,756,000
Rams to be used for service in 1921	80,000	77,000
Other sheep: One year and above	1,030,000	1,014,000
Under one year	2,734,000	2,514,000
Total for Sheep	6,659,000	6,361,000
Sows kept for breeding	18,000	15,000
Boars being used for service	2,000	2,000
Other pigs	125,000	112,000
Total of Pigs	145,000	129,000

(Abstract of Agricultural Returns for Scotland, 1921).

HEADS OF SHEEP (INCLUDES ALL WOOL-BEARING ANIMALS) SLAUGHTERED FOR CONSUMPTION AND FOR EXPORT IN ARGENTINA DURING THE CALENDAR YEARS, 1917 to 1920 AND FROM JANUARY TO AUGUST 1921.

ARGENTINA:

Year	Number of Head
1921 (8 Months)	3,075,451
1920	2,870,417
1919	2,559,319
1918	2,408,647
1917	2,233,896

(Boletin Mensual de Estadistica Agricola Republica Argentina).

COTTON.

AUSTRALIA (QUEENSLAND):

According to the Chamber of Commerce Journal of London the production of cotton in Queensland (which composes practically all that is grown in Australia) in 1921 amounted to 640 bales of 500 pounds gross. This is the highest production obtained in Queensland so far as can be seen from the table below:

Production of Cotton in Queensland.
(Bales 500 pounds gross)

Year	Quantity	Year	Quantity
	Bales		Bales
1921	640	1914-1918	33
1920	40	1909-1913	91
1919	19	1904-1908	62

WHEAT.

MANCHURIA (NORTH):

This season's wheat production in North Manchuria is estimated at 200,000 tons with quality slightly below the average. Local flour mills consume the greater part of the crop, and it is probable that the surplus for export will not exceed 50,000 tons.

(Commerce Reports).

SOYA BEAN.

MANCHURIA (NORTH):

Revised estimates place the current soya bean output in North Manchuria at about 650,000 tons as compared to previous forecasts of about 800,000 tons. The quality is reported to be good but, partly owing to the early frost the moisture content is somewhat above normal.

(Commerce Reports).

SUGAR AND SUGAR BEETS.

SPAIN:

The production of beet sugar in the 1920-21 season showed considerable increase compared with last year as it was 2.6 times larger than the production of 1919-20 and 87% larger than that of 1912-13 which may be taken as the average production since sugar has been produced in Spain.

During this season 2,002,000 short tons of beets entered the factories and 211,000 tons of sugar were produced. There were several new factories started and 34 working altogether.

SUGAR AND SUGAR BEETS,-CONT'D

SPAIN,-CONT'D:

In 1920-21 the amount of cane sugar produced was 12,000 tons which added to the beet sugar makes a total of 223,000 tons.

During the course of the year about 56,000 tons were imported and as the annual consumption of Spain does not exceed 165,000 tons there is reason to believe that there will be a considerable increase in the exportation of sugar.

(La Informacion Agricola Madrid, Spain).

RUSSIA (SOVIET):

According to information from Soviet Russia the last two sugar campaigns gave the following results, a comparison being given with the 1914-15 campaign.

Campaign	Area sown	Area Harvested	Beets Harbested	Sugar Produced
	Acres	Acres	Short tons	Short tons
1914-15	1,883,000	1,853,000	11,260,000	1,904,000
1919-20	911,000	705,000	1,163,000	88,000
1920-21	487,000	400,000	549,000	100,000

(Journal des Fabricants de Sucre, France).

RUBBER.

STRAITS SETTLEMENTS (MALACCA):

The rubber area in the Settlement of Malacca has increased from 193,000 acres at the end of 1919 to 200,000 acres at the end of 1920. At present the policy seems to be to continue the restriction of production for at least six months more and some planters are in favor of a more stringent restriction than is at present in force. The general situation is improving and tapping on the estates is becoming more general.

(Consular Reports).

ABACA (MANILA HEMP)

PHILIPPINE ISLANDS:

Despite falling prices there has been an increase in the area devoted to this crop. The figures for 1920 being 1,382,000 acres as against 1,274,000 acres for the preceding year. Production increased from 1,635,000 short tons in 1919 to 1,820,000 short tons in 1920.

(Twentieth Annual Report of the Bureau of Agriculture, Philippine Islands).

VANILLA.

MEXICO:

This year's vanilla bean crop is all gathered and is estimated to be about 50,000 to 60,000 pounds of the whole vanilla and 8,000 pounds of "cuts." For the past two years the Mexican vanilla bean crop has been short and the 1921 and 1922 crops are the smallest ever gathered in Mexico. The average vanilla crop from the Papantla district is approximately 300,000 pounds of the whole beans and 50,000 to 70,000 pounds of "picadura" or "cuts."

The vanilla beans of this year's crop will not be large, but are of very good quality, and cuts will be of a much better quality than in the past years.

(Consular Reports).

AGRICULTURAL AND CROP STATISTICS IN ARGENTINA.

In Argentina, agricultural and crop statistics are collected and published not only by the Federal Government of Argentina, but also by the governments of the various provinces, according to a report just received by the Bureau of Markets and Crop Estimates, from the Agricultural Commissioner in Buenos Aires, describing the crop reporting systems of Argentina. In many of the provinces, crop production statistics are based upon the threshing records kept by owners of threshing machines, corn shellers, and peanut cleaners, which are subject by law to an annual tax, or license fee. The owner of the threshing machine or corn sheller when he pays his license receives a book in which provision is made for giving certain details for each farm. Among these are the number of hectares sown and the number harvested, the yield per hectare, and the total number of kilograms harvested. There is also certain other statistical information, such as the number of men employed on the farm, maximum daily wages, and number of days the thresher worked on the farm. Upon the completion of the harvest, these books are returned to the Office of Statistics of the province, where these figures are made the basis for statistics of the annual production of the various crops, which are subsequently published in the annual reports of the governors of the provinces. A further requirement of the provincial law is that all the machines, even though used by the owner only for his private use, shall be licensed. As the Argentine Federal law has no such requirement, the Federal Government has no check on threshing machines for private use, and there is therefore always bound to be some difference between the provincial and the national statistics.

STOCKS OF GRAIN.

CANADA:

Quantities of Grain in Store at Different Elevators and also United States Lake Ports and United States Atlantic Ports on February 17, 1922, compared with February 18, 1921.

February 17, 1922	Wheat	Other Grain	Total
	Bushels	Bushels	Bushels
Western Country Elevators	22,624,000	13,929,000	36,583,000
Interior Terminal Elevators	2,416,000	1,691,000	4,107,000
Pub. & Pte. Terminal Ft. Wm. & Pt. A.	24,696,000	6,877,000	31,573,000
Winnipeg Pte Terminal Elevators	879,000	109,000	988,000
Public Elevators in the East	5,761,000	4,799,000	10,560,000
United States Lake Ports	9,532,000	980,000	10,512,000
United States Atlantic Seaboard Ports	2,621,000	1,531,000	4,152,000
Totals	68,559,000	29,916,000	98,475,000
February 18, 1921			
Public Terminal Elevators	15,980,000	11,079,000	27,059,000
Private Terminal Elevators	2,948,000	2,399,000	5,348,000
Interior Terminal Elevators	1,622,000	2,487,000	4,109,000
Country Elevators	13,173,000	15,760,000	28,933,000
United States Atlantic Seaboard Ports	442,000	43,000	485,000
Public Elevators in the East	3,371,000	3,348,000	6,718,000
Totals	37,536,000	35,116,000	72,652,000

FARM WAGES.

CANADA:

Average Wages of Farm Help in Canada.

Year	Males per month in summer season			Females per month in summer season			Males per year	Females per year
	Wages	Board	Wages and Board	Wages	Board	Wages and Board	Wages and Board	Wages and Board
Average 1915-1919	$39	$19	$58	$16	$15	$31	$559	$335
1920	60	26	86	27	20	47	821	492
1921	45	22	67	24	18	42	669	449

(Dominion Bureau of Statistics, Canada).

SWEDEN'S TOBACCO CROP IN 1921 AND ITS TOTAL IMPORTS FROM VARIOUS COUNTRIES FROM 1916-1920, INCLUSIVE.

According to figures from the Swedish Tobacco Monopoly, Sweden's total tobacco crop during 1921 amounted to 1,440,000 pounds as compared with 1,691,000 pounds in 1920, or a decrease of about 10%. The Swedish tobacco is of poor quality and is only used to a very small extent for the manufacture of cigars, cigarettes and smoking tobacco. A large portion of it is used for making snuff.

The following comparative table shows Sweden's total imports from various countries from 1916-1920, inclusive:

Country	Year				
	1916	1917	1918	1919	1920
	Pounds	Pounds	Pounds	Pounds	Pounds
United States ...	7,023,000	7,026,000	4,107,000	8,474,000	8,494,000
Cuba	236,000	256,000	317,000	410,000	622,000
Brazil	346,000	472,000	441,000	664,000	1,034,000
Holland	875,000	1,091,000	1,076,000	1,113,000	1,750,000
San Domingo	20,000	66,000	183,000	176,000	218,000
Greece	1,592,000	1,318,000	994,000	1,519,000	1,404,000
Russia	.....	55,000	128,000	179,000	207,000
China	212,000	181,000	49,000	245,000	258,000
Various	64,000	42,000	148,000	115,000	15,000
Total	10,367,000	10,507,000	7,443,000	12,895,000	14,002,000

All tobacco is imported in Sweden by the Aktiebolaged Svenska Tobaksmonopolet.

(Swedish Tobacco Monopoly, Ltd) at Stockholm.

(Consular Reports).

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF AGRICULTURAL ECONOMICS.
UNITED STATES DEPARTMENT OF AGRICULTURE. WASHINGTON, D.C.

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Contents

In accordance with the announcement which appeared in a recent issue of FOREIGN CROPS AND MARKETS, regarding the publication of information and statistics of an economic character, there will be found in this number statistics on farm wages in England and Wales (page 36) and in Hungary (page 37). The equivalents in American currency of farm wages in foreign countries on the basis of the prevailing rate of exchange are of interest only in so far as they show their purchasing power of goods that may be imported from the United States. It is important to bear in mind that a study of farm wages should take into account the relation of such wages to the general price level in the country under consideration. It is, therefore, the plan to publish in an early issue statistics on prices of agricultural and other commodities in foreign countries. Attention is also called to the export statistics on meat from the Argentine (page 38) and statistics of the imports of grains, meat, and cotton into the United Kingdom in 1921, compared with 1920 and 1913 by principal countries of origin (pages 39 and 40).

CONDITION OF FALL-SOWN CEREALS IN THE NORTHERN HEMISPHERE.

The total acreage sown to wheat in Europe for 1921-22 for the countries for which figures are available (Poland, Rumania, Bulgaria, Spain, France, Belgium, and Finland) is 30,025,000 acres compared with 33,135,000 acres in 1920-21 or a decrease of 9.4 per cent. The condition of fall-sown cereals is variable.

United Kingdom:- The wheat crop is generally healthy and vigorous and, although growth has been checked by the cold weather, little damage is reported.

Belgium and France:- The conditions at seeding time were somewhat unfavorable in western Europe. The combined fall-sown area of wheat, rye, and barley in Belgium is about six per cent less than that sown in the corresponding period in 1920. Germination has been irregular in France due to lack of moisture but recent rains have improved the situation. The area sown to wheat shows a small decrease compared with that sown last year. The area sown to rye shows a slight increase but that of maslin, barley and oats shows some decrease.

Rumania, Bulgaria and Germany:- Wintry weather continues, but the fields are generally protected with a good covering of snow.

Poland:- The area sown to wheat for 1921-22 is 2,434,000 acres compared with 3,011,000 acres sown last year. Conditions are about average for the country as a whole. The dry weather of December followed by cold weather and snow hindered germination to some extent in the southwestern section.

Italy:- Recent snows and rain have benefited the condition of fall-sown cereals. The drought at seeding time was unfavorable to crops in the northern section but the recent prospect is more favorable.

Algeria, Tunis, Morocco and Egypt:- Recent conditions have been favorable to the preparation of the soil in Algeria and further seeding is in progress. The cereal crops are showing good germination and growth and in regions where fields were turning yellow, due to excessive moisture, a normal appearance is again presented. The area sown to fall cereals in Tunis shows considerable reduction, but germination has been good. The area sown to cereal crops in Morocco is expected to equal that of last year. Rains have been beneficial to the wheat and barley crops in Egypt and the condition is generally about average.

British India and Japan:- Growing conditions continue good throughout British India and rain has generally been plentiful. Excessive rain throughout the Bombay Presidency including Sind and the Native States has caused some lodging of the wheat crop and some damage from rust is feared. Seeding was accomplished under quite favorable conditions in Japan. The condition of all cereal crops was reported as fairly good on the first of February.

Canada and United States:- Some winter killing of the crop is feared in Canada due to the severity of the winter. The condition of the wheat crop continues to be poor in the southwestern section of the United States. Some damage from alternate freezing and thawing is reported in the North Central States. The condition of winter rye is generally good although some injury from alternate freezing and thawing is reported in the North Central States.

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CROPS IN GENERAL.

THE AREA, PRODUCTION, AND AVERAGE YIELD OF CROPS IN ENGLAND AND WALES FOR 1920 AND 1921.

Crop	Area (000 omitted)		Estimated production (000 omitted)		Average yield estimated		10 year average 1911-1920
	1920	1921	1920	1921	1920	1921	
	Acres	Acres	Bushels	Bushels	Bushels	Bushels	Bushels
Wheat	1,875	1,976	53,352	69,784	28.5	35.3	30.5
Barley	1,637	1,436	50,680	42,472	31.0	29.6	31.0
Oats	2,266	2,147	85,968	80,176	37.9	37.3	38.4
Mixed corn	146	135	4,848	4,560	33.1	33.8	....
Beans	246	237	7,656	6,224	31.1	26.2	27.2
Peas	129	106	3,544	2,504	27.4	23.7	25.0
Potatoes	545	558	117,637	110,432	216.5	197.9	227.7
			Short tons	Short tons	Short tons	Short tons	Short tons
Seed, hay 1	1,674	1,757	2,894	2,399	1.7	1.4	1.6
Meadow hay 2	4,395	4,053	6,302	3,581	1.4	.9	1.2
Turnips & Swedes	988	893	15,896	7,404	16.1	8.3	13.9
Mangolds	384	374	8,184	7,038	21.3	18.8	20.9
			Pounds	Pounds	Pounds	Pounds	Pounds
Hops 3	21	25	31,472	25,088	1,501	997	1,176

Source: Agricultural Returns of England and Wales.

1. Hay from clover, sainfoin and grasses under rotation.
2. Hay from permanent grasses.
3. Unofficial estimate.

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NUMBER OF LIVE STOCK IN GERMANY ON DECEMBER 1, 1920 AND 1921.

Classification	Number on - December 1 1920	December 1 1921
Cattle ....Total	16,807,000	16,840,000
Milk cows	7,923,000	8,223,000
Swine	14,179,000	15,876,000
Sheep	6,150,000	5,882,000
Horses a	3,588,000	3,683,000
Mules	.....	27,000
Asses	.....	6,000

(Source: International Institute of Agriculture.)

a. Exclusive of army horses.

NUMBER OF LIVE STOCK IN EGYPT IN 1920 AND 1921.

(Excluding animals belonging to British Army)

Classification	September, October, 1920	September, October, 1921
Cattle	562,000	596,000
Buffaloes	585,000	646,000
Sheep	930,000	986,000
Goats	387,000	424,000
Horses	33,000	34,000
Mules	20,000	19,000
Donkeys	574,000	623,000
Camels	125,000	145,000

(Source: International Institute of Agriculture.)

LIVESTOCK BEFORE AND AFTER THE WAR IN UNDERMENTIONED COUNTRIES.
(Compiled from official sources except as noted.)

CATTLE

Country	Before the War		Recent Estimate	
	Date	Number	Date	Number
WESTERN AND NORTHERN EUROPE:				
United Kingdom a .....*	1913	11,896,000	June 4, 1921	11,854,000
France (except Alsace-Lorraine) .....*	Dec. 31, 1913	14,807,000	Dec. 31, 1920	12,782,000
Alsace-Lorraine .....*	Dec. 1, 1913	550,000	Dec. 1, 1920	435,000
Luxemburg .....*	Dec. 1, 1913	102,000	Dec. 4, 1919	89,000
Italy .....*	March 19, 1908	6,199,000	April 6, 1918	6,240,000
Spain .....*	1913	2,879,000	1921	3,718,000
Portugal .....*	October, 1906	703,000	March, 1920	741,000
Switzerland .....*	April 21, 1911	1,433,000	1921 b	1,425,000
Belgium .....*	Dec. 31, 1910	1,880,000	1920	1,292,000
Netherlands .....*	June 1913	2,097,000	March, 1919	1,969,000
Denmark .....*	July 15, 1914	2,463,000	July 15, 1921 c	2,591,000
Norway .....*	Sept. 30, 1914	1,146,000	June 20, 1918 d	1,038,000
Sweden .....*	Dec. 31, 1913	2,721,000	June 1, 1919	2,551,000
Total		48,876,000		46,725,000
CENTRAL, EASTERN AND SOUTHEASTERN EUROPE:				
Germany (except Alsace-Lorraine) .....*	Dec. 1, 1913	20,444,000	Dec. 1, 1920	16,790,000
Austria .....*	Dec. 31, 1910	e 9,159,000	1918	1,842,000
Czechoslovakia .....*		.....	Dec. 31, 1920	4,213,000
Poland	Summer, 1913	2,011,000		.....
Russia in Europe (except Poland)	" "	31,974,000		.....
Finland .....*	1910	1,573,000	November, 1918	1,445,000
Roumania f .....*	1911	e 2,567,000	1919	4,634,000
Bulgaria .....*	Dec. 31, 1910	e 1,603,000	1912	852,000
Bosnia Herzegovina .....*	Oct. 10) Nov. 10) 1910	e 1,309,000		.....
Croatia Slavonia .....*	Mar. 24, 1911	f 1,135,000		.....
Hungary .....*	Apr. 30, 1913	e 6,045,000	1920	b 2,223,000
Yugoslavia .....*		.....	1920 or 1921	b 5,497,000
Greece .....*	1914	e 300,000	1918	537,000
Total g		44,235,000		38,033,000

CATTLE.-CONT'D

Country	Before the War		Recent Estimate	
	Date	Number	Date	Number
NON-EUROPEAN COUNTRIES:				
United States:				
On farms .....*	Jan. 1, 1914	56,592,000	Jan. 1, 1922	65,352,000
Not on farms .....*	April 15, 1910	1,879,000	Jan. 1, 1920	2,112,000
Canada .....*	June 30, 1913	6,656,000	June 30, 1921	10,206,000
Argentina .....*	Dec. 31, 1914	25,867,000	1920	27,721,000
Brazil .....*	1912-13	f 30,705,000	1918	b 37,500,000
Uruguay .....*	1908	8,193,000	Apr. 20, 1916	7,803,000
Australia .....*	Dec. 31, 1913	11,484,000	Dec. 31, 1919	12,711,000
New Zealand .....*	April, 1911	2,020,000	1921	3,113,000
Union of South Africa ...*	Dec. 31, 1911	5,797,000	1920	7,655,000
Russia in Asia	Summer, 1913	18,404,000		.....
India, British Provinces.*	1913-14	h124,965,000	1918-19	h129,591,000
Japan .....*	Dec. 31, 1913	1,389,000	Dec. 31, 1919	1,345,000
Chosen .....*	Dec. 31, 1913	1,211,000	Dec. 31, 1918	1,480,000
Formosa .....*	Dec. 31, 1913	1,000	Dec. 31, 1917	1,000
Total		176,759,000		306,590,000
Grand Total		269,870,000		391,348,000

* Designates countries included in the total.
a. Channel Islands and Isle of Man excluded.
b. Unofficial.
c. Including incorporated South Jutland provinces where census was taken in Oct. 1920.
d. Incomplete.
e. Old boundaries.
f. Buffaloes included.
g. The pre-war total is for the countries as they were before the war while the post-war total is for practically the same territory although partly under new names.
h. Buffalo calves included.

LIVESTOCK IN THE NORTHERN TERRITORIES OF THE GOLD COAST IN 1920.

The number of cattle at the beginning of the year was estimated at 68,500. Rinderpest is reported to have caused considerable losses during the year. The number of sheep and goats was estimated at 153,000; horses 1,097; donkeys 2,300 and pigs 320. (Source: Colonial Reports. Northern Territories of the Gold Coast, 1920.)

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AREA AND PRODUCTION OF RICE IN INDIA, 1921-22.

According to the Second Rice Forecast issued by the Department of Statistics, India, the area under rice up to and including the beginning of December 1922 was 79,154,000 acres compared with 76,482,000 (revised estimate) at the same period last year and 78,023,000 acres the final revised estimate for last year. The production up to the beginning of December 1922 amounted to 65,826,880,000 pounds (cleansd rice) in comparison with 47,783,680,000 pounds at the same time last year. The total crop for 1920-21 amounted to 62,793,920,000 pounds. (Source: Department of Statistics, India.)

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FINAL GENERAL MEMORANDUM ON THE INDIGO CROP IN INDIA 1921-22.

The total area under indigo in 1921-22 was 317,000 acres as compared with 241,000 acres in 1920-21 and 472,000 the average for the five preceding years. The production of dye amounted to 6,821,000 pounds in 1921-22 as against 4,614,000 pounds in 1920-21 and 8,221,000 the average production for the five preceding years. (Source: Department of Statistics, India.)

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AREA AND PRODUCTION OF TOBACCO IN CANADA, YEARS 1919, 1920 and 1921.[1]

Province	Area			Production		
	1919	1920	1921	1919	1920	1921
	Acres	Acres	Acres	Pounds	Pounds	Pounds
Ontario...	9,226	20,114	6,553	17,000,000	21,688,500	7,121,962
Quebec ...	22,360	33,000	5,256[a]	16,770,000	26,400,000	6,127,000
Totals..	31,586	53,114	11,809[a]	33,770,000	48,088,500	13,248,962

[1]Source: Monthly Bulletin of Agricultural Statistics, Canada.

a. There is a discrepancy between these figures as furnished by the Tobacco Division and the estimates based upon the returns collected last June by the Quebec Bureau of Statistics in cooperation with the Dominion Bureau of Statistics. The latter estimate is 24,011 acres for the province, whereas that of the Tobacco Division amounts only to 5,256 acres. The census results should eventually settle the matter.

Production of Principal Fruits in the Commonwealth of Australia 1918-19, 1919-20 and 1920-21.

Kind of Fruit	Production		
	1918-1919	1919-1920	1920-1921, a
	Winchester bushels	Winchester bushels	Winchester bushels
Apples	4,144,000	6,445,000	2,603,000
Apricots	466,000	761,000	497,000
Bananas	.....	1,105,000	.....
Lemons	415,000	451,000	171,000
Nectarines and Peaches	1,554,000	2,153,000	1,046,000
Oranges	2,279,000	2,334,000	663,000
Pears	1,328,000	1,334,000	1,059,000
Plums	573,000	704,000	507,000
	Dozens	Dozens	Dozens
Pineapples	864,000	695,000	.....

Source: Commonwealth Bureau of Census and Statistics, Production Bulletin No. 14.

a. Figures for South Australia, Western Australia and Victoria only. These figures are taken from "The Fruit World of Australia and "The Journal of Commerce," Australia.

QUANTITY OF RAISINS AND CURRANTS PRODUCED IN THE COMMONWEALTH OF AUSTRALIA, AVERAGE 1910-20, 1918-19 AND 1919-20.

	Average, 1910-1920	1918-1919	1919-1920
	Pounds	Pounds	Pounds
Raisins	31,684,000	19,083,000	14,860,000
Currants		31,411,000	15,997,000

Source: Commonwealth Bureau of Census and Statistics. Production Bulletin, No. 14.

THE SUGAR CAMPAIGN IN CZECHOSLOVAKIA, 1920-21.

During the last sugar campaign in Czechoslovakia 3,803,000 short tons of beets were used which produced 617,000 short tons of refined sugar. The total production amounted to 692,000 tons not counting 32,000 tons of available stocks. Up to the end of last year (1921) 101,000 tons were required for home consumption and in addition 152,000 tons were exported up to the end of last year. Thus the stocks on hand at the beginning of this year amounted to 469,000 short tons. (Source: Le Bulletin des Halles, Bourses et Marches, France.)

PRICE OF SUGAR IN HUNGARY IN 1922.

The Budapest press on January 31, 1922, reports that at a meeting held by the Hungarian Sugar Beet Growers and Sugar Manufacturers in the Finance Ministry with the Finance Ministry presiding, the demand for the price of 180 crowns per 100 kilograms (about 29 cents per 220.46 lbs. according to the exchange rate of the Hungarian crown on December 30, 1921) for raw beet sugar submitted by the growers was accepted by the manufacturers. The demands of growers for an additional 10% above this basic price in case the price of wheat shall be over 1,800 crowns per 100 kilograms ($.79 per bushel) will be discussed at a future date. (Last year growers received 140 crowns per 100 kilograms (28 cents per 220.46 pounds of sugar beet according to exchange rate of Hungarian crown on December 31, 1920).

It is now reliably reported that during the 1921-22 season Hungarian sugar factories produced 59,500 short tons of refined sugar, about one-half of which is already sold. Heavy buying is reported during the past few weeks owing to a rumor of proposed increase in price. It has been established by the proper authorities that the present stock of sugar will be sufficient to carry over the season and it is also reported that there will be no rise in price. The government prohibition on the importation of sugar will remain in force during the coming year. (Source: Consular Report.)

PRODUCTION OF TEA IN INDIA, 1921.

In Northern India adverse climatic conditions and the presence of mosquito and other blights have continued to result in unsatisfactory yields throughout the past season.

The approximate quantity picked by November 30 was 236,000,000 pounds or 77% of that during the same period in 1920.

In Southern India weather conditions remained unfavorable for growth and it is estimated the yield will be about 15% below that of last season. (Source: International Institute of Agriculture.)

PRODUCTION AND DISTRIBUTION OF THE EGYPTIAN COTTON AND COTTON SEED CROPS SEASONS 1918-19, 1919-20 AND 1920-21 WITH AN AVERAGE FOR THE YEARS 1910-11 to 1914-15.

Cotton season September to August	Cotton (thousands of bales of 478 pounds net)						
	Stock remaining from previous seasons	Crop	Total	Available for export	Consumption of local spinning factories	Destroyed by fire	Stocks at the end of each season
Average 1910-11 to 1914-15	91	1,513	1,604	1,480	6	2	117
Season							
1918-19	229	999	1,228	1,124	12	(a)	92
1919-20	92	1,155	1,246	1,157	5	2	82
1920-21	82	1,251	1,333	913	10	30	380

Cotton season September to August	Cottonseed (millions of pounds).						
	Stock remaining from previous season	Crop	Total	Available for export	Consumption of local crushing factories	Used for sowing	Stocks at the end of each season
Average 1910-11 to 1914-15	11	1,395	1,406	1,025	233	137	11
Season							
1918-19	19	988	1,006	630	223	133	21
1919-20	21	1,142	1,162	708	221	155	79
1920-21	79	1,236	1,314	896	245	109	64

Source: Monthly Agricultural Statistics, Egypt.

a. Less than 500 bales.

PRODUCTION OF FLAX IN PRINCIPAL FLAX-PRODUCING COUNTRIES, 1909-1920.
(Based upon official data)

Country	Production							
	Seed				Fiber			
	Average[1] 1909-1913	1918	1919	1920	Average[1] 1909-1913	1918	1919	1920
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
NORTH AMERICA								
United States	19,505	13,369	7,256	10,774				
Canada:								
Quebec	11	83	111	184				
Ontario	128	196	130	225				
Manitoba	706	1,091	520	1,158				
Saskatchewan	10,393	4,205	4,490	5,705				
Alberta	830	480	222	726				
Other	.....	.....	.....	.....				
Total Canada	12,068	6,055	5,475	7,998				
Mexico	150							
Total	31,723							
SOUTH AMERICA								
Argentina	31,989	19,588	30,775	42,038				
Uruguay	793	333	498	932				
Total	32,782	19,921	31,273	42,970				
EUROPE								
Austria	2 694	35	.....	38	2 53,096	.....	4,080	4,900
Croatia-Slavonia	21	.....	.....	.....	8,046	.....	.....	.....
Bosnia-Herzegovina	4	.....	.....	.....	1,080	.....	.....	.....
Belgium	443	.....	476	862	46,487	.....	47,880	152,830
Bulgaria	2 7	.....	5	13	2 524	.....	180	550
Czechoslovakia	.....	.....	3 222	313	.....	.....	16,890	28,830
France	2 533	188	347	446	2 40,623	15,110	35,299	82,980
Hungary	2 196	.....	.....	.....	2 20,548	.....	.....	.....
Ireland	.....	.....	.....	.....	23,701	35,175	30,734	35,950
Italy	320	472	433	386	6,289	5,291	5,291	5,070
Netherlands	374	176	267	610	17,276	7,674	11,350	31,420
Rumania	2 503	4 292	6 305	5 139	2 4,884	4 4,453	6 2,293	.....
Russia proper	19,772	.....	.....	.....	1,022,484	.....	.....	.....
Poland	2 874	.....	556	.....	2 42,450	.....	.....	.....
Northern Caucasia	679	.....	.....	.....	26,130	.....	.....	.....
Serbia	.....	.....	.....	.....	1,812	.....	.....	.....
Spain	.....	65	42	52	.....	6,768	970	710

PRODUCTION OF FLAX IN PRINCIPAL FLAX PRODUCING COUNTRIES, 1909-1920,-CONT'D.

Country.	Production.							
	Seed.				Fiber.			
	Average[1] 1909-1913	1918.	1919.	1920.	Average[1] 1909-1913	1918.	1919.	1920.
	1,000 bushels.	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
EUROPE,-CONT'D.								
Sweden	15	.....	.....	.....	1,208	.....	.....	.....
Total.....	24,435				1,316,618			
ASIA								
British India ...	19,773	20,600	9,400	16,760	.....			
Japan	.....	648	492	.....	30,003	24,511	18,300	
Russia, Asiatic .	1,456	.....	.....	.....	96,402	.....	.....	
Total	21,229				126,589			
AFRICA								
Algeria	11	.....	7	7	.....	.....	.....	.....
Egypt	.....	.....	57	112	.....	.....	.....	3,180
Grand Total ...	110,180				1,443,207			

1. Five-year average except in a few cases where statistics were unavailable.
2. Old boundaries.
3. Bohemia and Moravia only.
4. Includes Bessarabia but excludes Dobrudja.
5. Former Kingdom and Bessarabia.
6. Former Kingdom, Bessarabia and Bukowina.

AGRICULTURE CONSTITUTES PRINCIPLE INDUSTRY OF SWEDEN.

Production Does Not Keep Pace with Population and Sweden is now a Grain Importing Country.

The principal or foundation industry of Sweden, particularly of the southern provinces is agriculture. The agricultural population which in 1830 represented as much as 82 percent of the entire population and even in 1870 represented 72%, had in 1910 fallen to 48% and at the present time does not amount to much more than 40 percent. The area under cultivation, as well as the production, have, however, been on the increase, although they, have not kept pace, with Sweden's increasing population and its increasing requirements. As a result Sweden is now an importer of grain instead of an exporter of a large surplus as formerly. The production of grain has become more and more inadequate. The crop of wheat does not, as a rule, meet more than one-half of the requirement, that of rye about 90 percent, while the normal crop of barley and oats practically suffices. The former large surplus of oats for export has altogether disappeared and has given place to a surplus import.

The agricultural land is divided into approximately 430,000 holdings, the average cultivated part of which amounts to about 25 acres. Small farms are in a great majority. Farms of 25 to 125 acres represent one-half of the entire cultivated acreage. More than one-third of the arable area is pasture land. A bare third is used for the growing of grain, more than three-fourths of which represents oats, the most important grain grown in Sweden.

The acreage of arable land in Sweden during 1913, 1918 and 1919 was as follows:

Nature of land.	1913.	1918.	1919.
	Acres.	Acres.	Acres.
Garden	114,000	119,000	122,000
Arable and cultivated.....	9,099,000	9,455,000	9,362,000
Natural meadows.....	3,335,000	2,779,000	2,638,000
Wooded and pasture.....	54,900,000	58,643,000	59,324,000
Waste land.....	33,944,000	30,396,000	29,964,000
Total	101,392,000	101,392,000	101,410,000

Source; Consular Report.

AGRICULTURAL WAGES IN ENGLAND AND WALES.

Statement showing agricultural wages including allowances * of adult male workers for 58 hr. week; July , 1914 to August, 1920.

Conversions to United States money were made at par for July 1914 and 1918; for 1919 and 1920 at the rate of exchange prevailing on or about the fifteenth of the month.

Date.	Average.		For 58 hours.	
	s - d	Dollars.	s - d	Dollars.
July, 1914	.....	.....	17/-	4.14
July, 1918	32/ for 52 hours	7.79	34/3	8.33
July, 1919	36/6 for 52 hours	7.89	41/6	8.97
July, 1920	42/ for 49-1/3 hours	8.18	51/4-1/2	10.00
August, 1920	46/ for 49-1/3 hours	8.37	56/1	10.21

Source: The Yearbook of the National Farmers Union (England) 1921.

* Milk, whether new or skimmed; potatoes; lodging; board, whether full or partial; and cottages. For minutiae concerning prices or value of allowances by counties. See pages 205-211 of the Source quoted.

MINIMUM RATE OF WAGES IN AGRICULTURE, AS FIXED BY THE AGRICULTURAL WAGES BOARD FOR ENGLAND AND WALES.*

Conversions to United States money have been made according to the rate of exchange prevailing on September 15, 1921.

Age of Male Workers.	Minimum Weekly Rates in -							
	Northumberland Durham, Glamorgan, and Monmouth.		Yorkshire		Lincolnshire and Middlesex.		Other Counties.	
	s/d	Dollars	s/d	Dollars	s/d	Dollars	s/d	Dollars
20-21 (under) ..	41/0	7.59	40/0	7.40	40/0	7.40	39/0	7.22
19-20 " ..	38/6	7.12	37/6	6.94	37/0	6.84	37/0	6.84
18-19 " ..	36/0	6.66	35/0	6.48	35/0	6.48	35/0	6.48
17-18 " ..	28/0	5.18	28/0	5.18	28/0	5.18	28/0	5.18
16-17 " ..	23/6	4.35	22/6	4.16	22/0	4.07	22/0	4.07
15-16 " ..	19/0	3.52	18/6	3.42	18/6	3.42	18/0	3.33
14-15 " ..	14/6	2.68	15/0	2.78	14/0	2.59	14/0	2.59
14 " ..	10/0	1.85	10/0	1.85	10/0	1.85	10/0	1.85

AVERAGE WAGES OF AGRICULTURAL LABORERS AND SERVANTS IN HUNGARY IN 1921.

Wages per day.

Conversions to United States money have been made according to the prevailing ate of exchange on the undermentioned dates. For parts II and III the rate of xchange prevailing on June 16, 1921 was used.

	Spring.		Summer.		Autumn.		Winter.	
	March 15.		June 16.		September 16.		December 16.	
	Crown.	Cents.	Crowns.	Cents.	Crowns.	Cents.	Crowns.	Cents.
an	50-70	14-20	80-100	32-40	60-80	11-15	50-60	7-9
oman ..	35-40	10-11	50- 80	20-32	40-50	8-10	30-40	4-6
hild ..	25-35	7-10	30- 49	12-20	25-35	5-7	25-30	4-4

II.

WAGES PER ANNUM OF FARM SERVANTS (hired servants, coachmen, men servants, cowherds, swine herds, etc.)

00-1000 crowns ($2.40-$4.00) in cash;

In grain: 22-29 bushels of wheat and 24-31 bushels of rye, or 51-59 bushels of wheat, and 9-14 bushels of spring barley in either case.

In land: 1.07-1.42 acres for maize and .27-.53 acres for potatoes (truck garden).

In firewood: 8-12 square meters (9.6-14.4 square yards).

In fodder: .66-.77 short tons of hay and .44-.66 short tons spring straw, or .53-.89 short tons of meadow on which to cut hay twice. In the latter case no spring straw is given.

Cowkeeping: weaning with 1 calf (until 8 weeks old); If keeping of 1 cow and 1 heifer the amount of grain received is less by 661 pounds. If no cow is kept 2-2-1/2 quarts of milk is given daily or 600-800 crowns ($2.40 - $3.20) in lieu thereof.

Pigkeeping: 2 sows and offspring up to 1 year old.

Poultry: Number unlimited, with the exception of geese.

The wages of overseers and tradesmen are greater, according to agreement.

III. WAGES OF SEASON LABORERS FROM APRIL UNTIL THE END OF OCTOBER.

Men: 600-800 crowns ($2.40 - $3.20) a month, 31-40 pounds of cooking flour, 57-66 pounds of bread flour, 11-18 pounds of beans, 9-18 pounds of bacon, 9-18 pounds of meat, 4 pounds of salt, 2 quarts of vinegar, 33-44 pounds of potatoes; after 6 months' labor 22 bushels of wheat.

AVERAGE WAGES OF AGRICULTURAL LABORERS AND SERVANTS IN HUNGARY IN 1921, CONT'D.

Women: 350-500 crowns ($1.40 - $2.00) a month, 31-40 pounds of cooking flour, 57-66 pounds of bread flour, 7-9 pounds of bacon, 4-9 pounds of meat, 18 pounds of potatoes, 11 pounds of beans, 1 quart of vinegar, 2 pounds of salt. After 6 months' labor 7-11 bushels of wheat.

Source: Consular Report.

ARGENTINA'S EXPORTS OF CHILLED BEEF, FROZEN MUTTON AND LAMB INCREASE.

Exports of frozen mutton from Argentina during the calendar year 1921 show an increase of 847,238 quarters and those of frozen lamb of 313,056 quarters over exports for 1920 according to figures compiled by Review of the River Plate.. Exports of chilled beef show the largest increase, shipments during 1921 have exceeded those of 1920 by 1,113,422 quarters. The exports of frozen pork, however, decreased by 1,543,776 quarters.

The following table shows the exports of frozen and chilled beef and frozen lamb and mutton from Argentina during the calendar year 1921 as compared with exports for the five preceding years:

Year	Frozen Beef.	Chilled Beef.	Frozen Mutton.	Frozen Lamb.
1916	4,811,305	814,889	1,497,418	637,196
1917	4,426,726	619,912	969,581	450,186
1918	6,194,674	23,553	1,238,047	231,358
1919	5,033,596	74,598	1,425,843	218,332
1920	4,549,679	692,213	1,193,863	562,854
1921	3,005,903	1,743,635	2,041,101	875,910

The United Kingdom furnished the chief market for Argentina's frozen and chilled meat exports during 1921, taking 2,237,336, quarters of frozen beef; 1,731,587 quarters of chilled beef; 1,838,858 quarters of frozen mutton and 844,675 frozen lamb.

IMPORTS OF GRAINS INTO THE UNITED KINGDOM, BY PRINCIPAL COUNTRIES FOR CALENDAR YEARS, 1913, 1920 and 1921.

COUNTRIES FROM WHICH IMPORTED	UNIT	1913	1920	1921
Wheat - total	bus.	197,639,000	204,079,000	149,794,000
United States	"	63,593,000	84,788,000	67,321,000
Canada	"	40,671,000	19,020,000	27,234,000
Argentina	"	27,545,000	57,551,000	7,617,000
Australia	"	18,903,000	37,270,000	37,320,000
All other	"	46,927,000	5,450,000	10,302,000
Wheat flour - total	bbls.	6,845,000	6,840,000	9,052,000
United States	"	3,519,000	3,336,000	4,514,000
Canada	"	2,382,000	1,325,000	3,352,000
Australia	"	200,000	846,000	789,000
All other	"	744,000	1,333,000	397,000
Corn - total	bus.	98,310,000	67,680,000	73,509,000
United States	"	13,759,000	3,264,000	13,467,000
Roumania	"	2,005,000	3,382,000	6,347,000
Russia	"	3,368,000	----	----
Argentina	"	77,708,000	58,474,000	31,650,000
All other	"	1,470,000	2,560,000	22,045,000
Barley - total	"	52,358,000	29,558,000	36,880,000
United States	"	10,356,000	14,531,000	20,036,000
Canada	"	5,977,000	6,279,000	7,278,000
Russia	"	14,245,000	480,000	----
British India	"	8,445,000	----	----
All other	"	13,335,000	8,268,000	9,566,000
Oats - total	"	63,569,000	21,356,000	29,249,000
United States	"	5,019,000	681,000	1,522,000
Canada	"	8,218,000	2,441,000	12,572,000
Germany	"	11,978,000	----	100,000
Russia	"	9,747,000	----	----
Argentina	"	22,406,000	16,367,000	11,310,000
All other	"	6,201,000	1,867,000	3,745,000

Source: The British Government's Monthly Accounts Relating to Trade and Navigation.

IMPORTS OF MEAT AND COTTON INTO THE UNITED KINGDOM, BY PRINCIPAL COUNTRIES FOR CALENDAR YEARS, 1913, 1920 and 1921.

COUNTRIES FROM WHICH IMPORTED	UNIT	1913	1920	1921
Bacon - total	lbs.	544,084,000	623,503,000	635,912,000
United States	"	201,973,000	376,574,000	283,050,000
Canada	"	27,274,000	167,217,000	94,531,000
Denmark	"	261,514,000	78,856,000	207,187,000
All other	"	53,318,000	5,856,000	53,144,000
Hams - total	"	95,759,000	36,327,000	126,234,000
United States	"	85,183,000	31,762,000	114,320,000
Canada	"	10,089,000	2,887,000	10,518,000
All other	"	487,000	1,678,000	1,396,000
Lard - total	"	224,600,000	162,008,000	254,775,000
United States	"	209,328,000	128,755,000	222,907,000
Other countries	"	15,272,000	33,253,000	31,868,000
Cotton - total	500-lb. bales	4,348,599	3,794,445	2,345,104
United States	"	3,169,539	2,780,667	1,602,005
British East Indies	"	102,820	148,531	30,130
Egypt	"	805,339	563,168	462,583
Other countries	"	270,901	302,079	250,386

Source: The British Government's Monthly Accounts Relating to Trade and Navigation.

CORRECTION:--Through a typographical error, the production of barley in Ireland for 1921, as published in FOREIGN CROPS AND MARKETS of March 1, 1922, was given as 2,950,000 bushels. This should have been 5,950,000 bushels.

SPECIAL REPORTS ON FOREIGN CROPS AND MARKETS

The following are some of the principal reports on foreign agricultural crops and markets received during the week in the Research and Foreign Statistics Section from American Consular Officers and Agricultural Commissioners in foreign countries:

1. Report of the Administrative Council of the British Empire Cotton Growing Corporation No. 49067, American Consul General at London.

2. Preparation of Meat and Meat Products and Operation of Packing Houses in Hongkong (47689); Panama (45717); Amsterdam (47063); Christiania (47918); Marseille (49242); Zurich (50297); Samoa (49614) and Shanghai (49590), American Consular Officers, posts mentioned.

3. The Sugar Industry of Hungary, No. 47307 , American Consul at Budapest.

4. American and Danish Competition in the British Pork Market, No. 46578, American Legation at Copenhagen.

5. Brazilian Regulations for Importation and Exportation of Plants, No. 49075, American Consul at Pernambuco.

6. The Beet Sugar Industry in Finland, No. 49418, American Consul at Helsingfors.

7. American Cereal and Flour Market at Hamburg, No. 47216, American Consul at Hamburg.

8. The Dutch Tobacco Trade During 1921, No. 49032, American Consul General at Rotterdam, The Netherlands.

9. Preparation and Packing of Meats for British Markets by E. C. Squire, Specialists in Foreign Marketing of Livestock and Meats, London, England.

Inquiries regarding FOREIGN CROPS AND MARKETS should be addressed to the Research and Foreign Statistics Section, Bureau of Markets and Crop Estimates, Washington, D. C.

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. March 22, 1922. NO. 7.

Contents

The following statistics appearing in this issue are of special interest: Page 48, production of potatoes in the principal potato producing countries of the world for 1921, 1920, and a five-year average, 1909-1913; page 50, production of dairy products in Argentina during the calendar year 1920; page 56, average prices of wheat, barley, and oats in England and Wales, under the Corn Returns Act, and the average wholesale market price of hay, 1913 to 1921.

CONDITION OF CROPS IN ARGENTINA.

The corn crop in the province of Buenos Aires in which about one-third of the Argentine crop is produced is reported to have suffered considerable damage from drought. Fields in some instances are white and dead although the corn is only about two feet high. Recent rains have fallen in Buenos Aires, Santa Fe and the South of Cordoba which will benefit the crop greatly although in some sections the crop is too far advanced to reap much benefit from these late rains. Pastures were greatly in need of this rain and it is hoped that the improvement which will doubtless result will to some extent, put a stop to the enforced selling of cattle. The threshing of wheat and oats is practically completed.

Source: U. S. Agricultural Commissioner, Argentina.

PRODUCTION OF SPECIFIED CROPS IN JAPAN, 1921.

Crops.	Production (000 omitted).		
	1915-1919.	1920.	1921.
	Bushels.	Bushels.	Bushels.
Wheat	29,608	28,288	27,876
Barley	95,543	92,140	89,898
Oats	6,956	11,162	12,086
Corn	3,845	(a)	(a)
Potatoes	46,641	47,277	(a)
Flax Seed	429	(a)	634
	Pounds.	Pounds.	Pounds.
Fiber	17,960	(a)	24,980
Rice	17,872,691	19,849,468	17,156,234
Tobacco	93,980	113,360	132,280
Silk Cocoons	508,938	523,578	513,283

(Source: International Institute of Agriculture.
a. No data available).

PRODUCTION OF OTHER LEADING CROPS, JAPAN 1909-13, 1918 AND 1919.

Crop.	Production (000 omitted).		
	1909-1913.	1918.	1919.
	Bushels.	Bushels.	Bushels.
Soy beans	17,775	17,667	20,122
Azuki (small red beans)	4,477	4,152	4,492
Peas	1,657	2,736	3,041
Horse beans	2,468	2,179	2,569
Peanuts in the pod	1,683	2,847	2,282
Millet			
Foxtail	10,560	9,402	10,238
Barnyard	3,687	3,875	4,528
Proso	1,884	1,583	1,738
Buckwheat	5,979	4,363	5,802
Sweet potatoes	131,284	151,363	164,073
Potatoes	24,738	44,634	67,236
	Pounds.	Pounds.	Pounds.
Konniaku (edible root)	86,662	73,753	74,541
Onions	42,240	68,177	76,914
Chili peppers	5,036	3,646	3,972
Ginger	65,194	67,704	73,769
Peppermint	43,172	27,942	18,241
Indigo leaves (dried)	25,954	22,469	24,447
Sugar cane	1,787,395	2,618,631	2,373,154

(Source: The Agricultural and Commercial Statistics, Department of Agriculture and Commerce, Japan 1921.)

YIELD PER ACRE OF SPECIFIED CROPS IN GERMANY,
1900 - 1921.

Year.	Wheat (a).	Rye (a).	Barley (b).	Oats.	Potatoes.
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
1900	27.8	22.9	33.5	48.0	187.5
1901	23.5	22.3	33.3	44.6	218.1
1902	30.3	24.5	35.1	50.2	199.4
1903	29.3	26.3	36.2	51.3	197.0
1904	29.4	26.3	33.6	46.3	164.2
1905	28.5	24.9	33.3	43.8	216.5
1906	30.2	25.2	35.1	55.8	193.3
1907	29.6	25.6	38.3	58.3	205.4
1908	29.7	27.9	34.9	50.2	209.2
1909	30.5	29.5	39.4	59.1	208.9
1910	29.6	27.1	34.4	51.3	196.1
1911	30.6	28.2	37.0	49.6	153.9
1912	33.6	29.5	40.7	54.1	223.5
1913	35.1	30.4	41.3	61.1	235.8
1914	29.6	26.4	36.8	57.4	200.1
1915	28.6	22.8	28.4	36.2	224.7
1916	28.0	23.7	34.2	54.4	133.8
1917	22.9	20.1	23.8	29.0	204.3
1918	25.4	22.1	28.1	39.9	160.6
1919	24.8	22.1	27.6	41.9	146.4
1920	24.3	18.3	27.9	41.9	170.8
1921	27.5	24.5	31.7	41.2	148.7

(Compiled from official sources.)

a- Spring and winter.
b- Spring.

YIELD PER ACRE OF SPECIFIED CROPS IN FRANCE,
1900 - 1921.

Year.	Wheat.	Rye.	Barley	Oats.	Potates.
	Bushels.	Bushels	Bushels.	Bushels.	Bushels.
1900	19.2	16.9	22.6	29.3	120.7
1901	18.5	16.7	21.8	26.5	115.6
1902	20.2	13.9	25.4	33.8	114.1
1903	22.7	18.1	26.2	36.2	120.2
1904	18.6	16.7	22.6	30.7	123.4
1905	20.8	18.7	24.1	32.5	142.5
1906	20.4	16.4	21.6	31.0	99.5
1907	23.4	18.4	25.5	36.9	136.2
1908	19.5	16.8	23.5	34.0	163.7
1909	22.0	18.4	26.4	39.5	160.3
1910.....	15.6	14.6	24.1	34.0	81.9
1911	20.3	16.1	26.1	35.4	121.8
1912	20.6	17.6	26.9	36.1	142.9
1913	19.7	17.2	25.5	36.3	130.5
1914 a.....	18.9	16.8	25.2	35.9	119.9
1915 a.....	16.4	14.3	20.2	29.6	103.9
1916 a.....	16.5	15.5	24.9	35.6	102.0
1917 a.....	13.0	13.4	21.9	29.3	113.0
1918 a.....	20.5	16.6	20.0	26.3	81.5
1919	16.1	15.2	17.5	24.6	94.8
1920	18.8	15.9	23.4	35.2	113.4
1921	24.5	20.6	22.9	29.6	85.0

(Compiled from official sources.)

a. Does not include invaded territory.

Production of Wheat in British India.

The second forecast of the area sown to wheat in British India is given as 28,403,000 acres compared with 23,563,000 acres the corresponding estimate for last year or an increase of 20 percent. There is a decrease, however, of 1,569,000 acres or 5 percent compared with the corresponding five-year average 1915-16 to 1919-20. The final estimate of the area for last year as given August 10, 1921, was 25,722,000 acres and that of the five-year average was 30,499,000 acres.

(Source: Department of Statistics, British India.)

FLAX.

Russia, who before the war, was the principal flax producing country of Europe, now produces hardly enough to supply her own needs.

In 1916, the area amounted to 2,676,000 acres (less than the pre-war average) as compated with 988,000 acres in 1921. The production decreased from 266,000 short tons in 1916 to 66,000 short tons in 1921.

The exports decreased according to the decrease in production, being 389,000 tons in 1912 and only 2,000 tons in 1920.

(Source: Le Bulletin des Halles, Bourses et Marches, France).

DOMINICAN TOBACCO CROP.

Indications point to a tobacco crop of 25,000,000 pounds in the Dominican Republic this year, compared with a yield of about 10,000,000 pounds last year and 40,000,000 pounds or more in the years immediately preceding, when the Dominican product was commanding top prices.

(Source: Commerce Reports.)

PRODUCTION OF POTATOES IN THE PRINCIPAL POTATO PRODUCING COUNTRIES OF THE WORLD FOR 1921, 1920, AND FIVE-YEAR AVERAGE, 1909-1913. (000 omitted).

Country.	Average, a. 1909-1913.	1920.	1921.
	Bushels.	Bushels.	Bushels.
United States ..... *	356,627	403,296	346,823
Canada ..... *	78,498	133,831	107,346
Mexico	924	.....	.....
Newfoundland	1,495	.....	.....
Austria ..... *	b 456,485	24,600	26,207
Bosnia Herzegovina	3,359	.....	.....
Croatia Slavonia	22,254	.....	.....
Belgium ..... *	107,021	82,913	93,329
Bulgaria ..... *	b 454	932	1,650
Czechoslovakia	.....	183,799	136,429
Denmark	32,440	45,316	.....
Finland ..... *	20,975	17,865	18,245
France ..... *	489,377	427,610	323,527
Germany ..... *	b 1,681,959	1,037,954	985,234
Hungary ..... *	b 180,103	75,968	45,592
Italy ..... *	60,813	52,261	55,116
Yugoslavia	.....	38,452	c 34,906
Luxemburg ..... *	6,439	5,284	2,756
Malta	672	554	.....
Netherlands ..... *	110,153	91,304	84,768
Norway ..... *	24,821	31,076	27,305
Rumania d	b 3,634	e 3,226	.....
" f	b 1,144	.....	.....
Russia	862,798	.....	.....
Poland ..... *	b 373,917	644,920	567,083
Northern Caucasia	15,663	.....	.....
Serbia	2,201	.....	.....
Spain ..... *	93,413	107,834	102,225
Sweden ..... *	60,327	61,655	62,390
Switzerland ..... *	40,537	28,256	25,373
United Kingdom ..... *	254,438	237,963	c 244,683
Japan	24,738	47,278	.....
Russia Asiatic	33,151	.....	.....
Algeria ..... *	1,783	985	653
Total	4,398,140	3,466,507	3,120,305

PRODUCTION OF POTATOES, - CONTINUED.
(000 omitted).

Southern Hemisphere.	Average, a 1908-09 - 1912-13	1919-20.	1920-21.
	Bushels.	Bushels.	Bushels.
Argentina	40,216	.....	.....
Chile .....*	8,023	10,944	11,837
Union of South Africa ..	3,269	3,367	.....
Australia	14,077	10,984	.....
New Zealand	6,047	5,402	.....
Total	8,023	10,944	11,837

(Compiled from official sources).

a. Five-year average except in a few cases where statistics were unavailable.
b. Old boundaries.
c. Unofficial.
d. Grown alone.
e. Bessarabia only.
f. Grown with corn.
* Those countries included in the total are designated by an asterisk.

PRODUCTION OF BUTTER IN MANITOBA, CANADA.

Year.	Number of creameries.	Output.	Average price per pound.	Selling value at creameries.
		Pounds.	Cents.	Dollars.
1912	20	2,931,138	28.0	820,718.64
1913	36	3,929,622	27.5	1,030,646.05
1914	35	4,761,355	26.5	1,261,759.07
1915	35	5,839,667	29.0	1,693,503.43
1916	37	6,574,510	31.0	2,038,098.10
1917	41	7,526,356	38.5	2,897,647.06
1918	42	8,450,132	45.0	3,802,559.40
1919	44	8,256,711	54.0	4,458,623.94
1920	53	7,666,802	55.0	4,216,752.10
1921	45	8,550,105	37.0	3,163,538.85

(Source: Consular Report.)

Note: Manitoba in 1919 produced 8.1 per cent of the total Canadian output of creamery butter.

PRODUCTION OF DAIRY PRODUCTS IN ARGENTINA, 1920.

In 1920 there were 4,078 factories in operation of which 1,608 were cream stations, 46 were butter factories, 1,340 cheese and 1,084 were mixed factories. The exports of butter in 1920 were 41,249,000 pounds and that of cheese 13,861,000 pounds.

Province.	Production (000 omitted).				
	Total milk.	Butter.	Cheese.		Casein.
			From cows milk.	From sheeps milk.	
	Gallons.	Pounds.	Pounds.	Pounds.	Pounds.
Capital Federal	9,443	33,478	.....	.....	374
Buenos Aires	131,865	15,640	34,985	69	7,207
Santa Fe	48,726	12,704	10,005	18	6,112
Cordoba	17,383	197	3,940	.....	1,367
Entre Rios	2,549	411	888	1	46
Catamarca	270	6	130	1	.....
Coirientes	472	5	225	.....	.....
La Rioja	174	13	67	1	.....
Mendoza	622	41	221	(a)	.....
Salta	208	8	132	.....	.....
Santiago del Estero	219	3	122	10	.....
San Juan	108	4	52	(a)	.....
San Luis	1,254	39	810	21	.....
Lucumin	347	4	221	3	.....
Jujuy	31	2	16	6	.....
Total	213,670	62,554	51,814	131	15,106
Pampa	3,954	240	721	.....	64
Chaco	42	2	13	.....	.....
Chubut	509	66	212	.....	.....
Formosa	35	3	17	.....	.....
Misiones	12	1	6	.....	.....
Neuguen	148	9	70	.....	.....
Rio Negro	208	17	80	.....	.....
Total	4,908	338	1,119	.....	64
(b)		314	2,647		
Grand Total:					
1920	218,578	63,206	55,580	131	15,170
1919	223,154	56,723	49,232	.....	14,151

Source: United States Agriculture Commissioner in Argentina.

a Less than 500 bales.

NUMBER OF LIVESTOCK IN ROUMANIA, 1919 AND 1920.

Classification.	Number.	
	1919.	1920.
Cattle (total)	a 4,634,000	4,750,000
Milk cows	.....	1,613,000
Buffaloes	.....	146,000
Swine	2,289,000	2,514,000
Sheep	7,791,000	8,690,000
Goats	355,000	500,000
Horses	1,380,000	1,485,000
Mules	3,000	12,000

(Source: International Institute of Agriculture.)

a. Includes all cattle and buffaloes.

NUMBER OF SHEEP IN SYRIA AND LEBANON.

The High Commissioner of the Republic of France in Syria and Lebanon communicates to us, through the medium of the French Delegate, the following statistics in respect to sheep in the territory under mandate, in 1921. Owing to difficulties in collection the figures are merely approximate.

Territories.	Sheep in 1921.		
	Over 12 Months.	Under 12 Months	Total.
Government of Aleppo	281,000	118,000	399,000
" " Damascus	645,000	157,000	802,000
" " Lebanon	37,000	17,000	54,000
Territory of the Alaoiutes	80,000	25,000	105,000
Sandjak of Alexandretta	97,000	9,000	106,000

(Source: International Institute of Agriculture.)

LIVESTOCK BEFORE AND AFTER THE WAR IN UNDERMENTIONED COUNTRIES.

SWINE.

Country.	Before the War. Date	Before the War. Number.	Recent estimate. Date	Recent estimate. Number.
WESTERN AND NORTHERN EUROPE:				
United Kingdom a .....*	1913	3,294,000	June 4, 1921	3,628,000
France (except Alsace-Lorraine) .....*	Dec. 13,1913	7,048,000	Dec. 31, 1920	4,584,000
Alsace-Lorraine .....*	Dec. 1,1913	493,000	Dec. 1, 1920	358,000
Luxemburg .....*	Dec. 1,1913	137,000	Dec. 4, 1919	89,000
Italy .....*	Mar. 19,1908	2,508,000	Apr. 6, 1918	2,339,000
Spain .....*	1913	2,710,000	1921	5,152,000
Portugal .....*	Oct. 1906	1,111,000	Mar. 1920	921,000
Switzerland .....*	Apr. 21,1911	570,000	1921	b 639,000
Belgium .....*	Dec. 31,1910	1,494,000	1920	546,000
Netherlands .....*	June 1913	1,350,000	Mar. 1919	450,000
Denmark .....*	July 15,1914	2,497,000	July 15, 1921	c 1,430,000
Norway .....*	Sept. 30,1914	228,000	June 30, 1918	d 209,000
Sweden .....*	Dec. 31,1913	968,000	June 1, 1919	717,000
Total		24,408,000		21,062,000
CENTRAL, EASTERN AND SOUTHEASTERN EUROPE:				
Germany (except Alsace-Lorraine .....*	Dec. 1, 1913	25,166,000	Dec. 1, 1920	14,149,000
Austria.....*	Dec. 31, 1910	e 6,432,000	1918	1,270,000
Czechoslovakia .....*		.....	Dec. 31, 1920	2,073,000
Poland	Summer, 1913	491,000		.....
Russia in Europe (except Poland)	" "	13,458,000		.....
Finland .....*	1910	418,000	Nov. 1918	111,000
Roumania	1911	e 1,021,000	1919	2,298,000
Bulgaria	Dec. 10,1910	527,000		.....
Bosnia-Herzegovina ...*	Oct. 10) 1910 Nov. 10)	e 527,000		.....
Croatia Slavonia .....*	Mar. 24,1911	1,164,000		
Hungary .....*	Apr. 30,1913	e 6,825,000	1920	b 3,729,000
Yugoslavia .....*		.....	1920-1921	b 4,849,000
Greece .....*	1911	e 227,000	1918	365,000
Totals f		41,780,000		28,786,000

SWINE.-CONT'D.

	Before the War.		Recent Estimate.	
	Date.	Number.	Date	Number.
NON-EUROPEAN COUNTRIES:				
United States:				
On farms .....*	Jan. 1, 1914	58,933,000	Jan. 1,1922	56,996,000
Not on farms .....*	Apr. 15, 1910	1,288,000	Jan. 1,1920	2,638,000
Canada .....*	June 30, 1913	3,448,000	June 30,1921	3,905,000
Argentina .....*	Dec. 31, 1914	2,901,000	1920	3,199,000
Brazil .....*	1912-13	18,399,000	1916	17,329,000
Uruguay .....*	1908	180,000	Apr. 20,1916	304,000
Australia .....*	Dec. 31,1913	801,000	Dec. 31,1919	696,000
New Zealand .....*	Apr. 1911	349,000	1921	342,000
Union of South Africa..*	Dec. 31, 1911	1,032,000	1920	943,000
Russia in Asia	Summer, 1913	2,895,000		.....
Japan .....*	Dec. 31, 1913	310,000	Dec. 31,1919	470,000
Chosen.....*	Dec. 31, 1913	761,000	Dec. 31,1918	924,000
Formosa .....*	Dec. 31, 1913	1,322,000	Dec. 31,1918	1,279,000
Total		89,774,000		89,025,000
Grand total		155,962,000		138,873,000

(Compiled from official sources except as noted).

* Designates countries included in totals.
a. Excluding Isle of Man and Channel Islands.
b. Unofficial.
c. Including incorporated South Jutland provinces where census was taken in Oct. 1920.
d. Incomplete.
e. Old boundaries.
f. The pre-war total is for the countries as they were before the war while the post-war total is for practically the same territory although partly under new names.

POTATOES.

International Trade, Calendar Years, 1918, 1919, 1920, and Average, 1911-1913.

Country	Average 1911-1913		1918		1919		1920	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1000 Bushels	1000 Bushels	1000 Bushels	1000 Bushels	1000 Bushels	1000 Bushels	1000 Bushels	1000 Bushels
PRINCIPAL EXPORTING COUNTRIES:								
Belgium	4,921	8,692	.....	.....	136	3,833	1,514	2,371
Canada	525	1,207	728	2,126	616	6,151	923	5,583
China	36	288	.....	128	.....	205	.....	.....
Denmark	40	928	(a)	1,703	(a)	4,610	33	7,879
France	7,143	8,683	1,069	611	11,691	1,327	2,465	7,903
Italy	242	3,975	(a)	148	30	505	1	3,074
Japan	.....	440	.....	326	.....	370	.....	.....
Netherlands	1,952	16,451	1	465	108	13,549	44	14,424
Portugal	273	500	.....	.....	530	.....	.....	.....
Russia	309	7,762	.....	.....	.....	.....	.....	.....
Spain	.....	1,835	.....	634	.....	275	.....	326
PRINCIPAL IMPORTING COUNTRIES:								
Algeria	1,218	931	373	4	539	289	1,630	472
Argentina	1,337	543	35	572	81	1,024	.....	.....
Austria-Hungary	4,070	1,451	.....	.....	.....	.....	.....	(a)
Brazil	939	(a)	16	191	43	14	276	(a)
Cuba	2,001	2	3,378	.....	3,266	.....	.....	(a)
Egypt	599	b 28	5	(a)	163	1	786	(a)
Finland	479	15	264	.....	.....	.....	172	.....
Germany	29,180	12,412	.....	.....	.....	.....	26,852	2,109
Norway	215	60	412	(a)	245	46	96	568
Philippine Islands	334	.....	239	.....	289	.....	291	.....
Sweden	700	64	1,256	(a)	732	.....	.....	.....
Switzerland	3,172	42	140	2	94	774	456	584
United Kingdom	11,382	6,246	1,896	2,532	1,846	.....	9,726	.....
United States	5,704	1,814	1,201	3,853	5,544	3,642	6,062	4,154
Other Countries	1,993	782	1,476	4,938	463	494	1,176	374
Total	78,767	75,151	12,489	18,233	26,421	37,109	52,503	49,821

(Compiled from official sources)

a. Less than 500 bushels.
b. One year average.

IMPORTS OF GRAINS, MEATS AND COTTON INTO THE UNITED KINGDOM FROM ALL COUNTRIES AND FROM THE UNITED STATES FOR JANUARY 1921 & 1922.

Commodity	Unit	1921	1922
Wheat - Total	Bu.	6,982,000	9,332,000
From the U. S.	"	3,328,000	5,529,000
Wheat flour - Total	Bbls.	490,000	521,000
From the U. S.		118,000	190,000
Corn - Total	Bu.	3,783,000	4,437,000
From the U. S.	"	372,000	2,371,000
Barley - Total	Bu.	2,308,000	1,193,000
From the U. S.	"	1,564,000	677,000
Oats - Total	Bu.	1,948,000	2,103,000
From the U. S.	"	185,000	377,000
Bacon - Total	Lbs.	51,609,000	48,585,000
From the U. S.	"	15,785,000	22,552,000
Hams - Total	Lbs.	2,664,000	9,098,000
From the U. S.	"	2,378,000	8,028,000
Lard - Total	Lbs.	20,236,000	22,788,000
From the U. S.	"	14,979,000	22,362,000
Cotton - Total	500-lb	264,498	268,871
From the U. S.	bales	205,288	166,568

(Source: The British Government's Monthly Accounts Relating to Trade and Navigation.)

AVERAGE PRICES OF BRITISH GRAIN IN ENGLAND AND WALES AS ASCERTAINED UNDER THE CORN RETURNS ACT, 1922 AND THE AVERAGE WHOLESALE MARKET PRICES OF HAY

Years	Wheat price per bu.	Barley price per bu.	Oats price per bu.	Clover Hay Price per short tons	
				First	Second
1913	$ .96	$ .80	$ .48	$21.29	$18.47
1914	1.06	.79	.52	17.82	15.53
1915	1.61	1.09	.75	24.88	21.51
1916	1.78	1.56	.83	33.67	29.44
1917	2.30	1.89	1.24	32.04	29.33
1918	2.22	1.72	1.23	36.93	34.54
1919	2.22	2.21	1.31	53.66	47.58
1920	2.46	2.61	1.42	61.59	55.51
1921	2.18	1.52	.85	37.04	30.20

(Source: "The Statist" February 18, 1922)

AGRICULTURAL WAGES IN NORWAY.

Wages per Day during the Summer Half Year for Labor on Farm.

MEN

Board and Room Furnished	Spring a Sowing		Mowing b		Harvesting c		Others d	
	Kr.	Dollars	Kr.	Dollars	Kr.	Dollars	Kr.	Dollars
Fiscal Year								
1919-1920	7.88	1.55	9.00	2.21	7.73	1.84	7.32	1.57
1920-1921	8.71	1.40	9.83	1.63	8.83	1.40	8.11	1.13
Without board and room								
1919-1920	11.55	2.28	12.42	3.04	11.41	2.70	10.96	2.35
1920-1921	12.50	2.01	13.64	2.25	12.71	2.01	11.95	1.66

WOMEN

With Board and Room	Spring a Sowing		Mowing b		Harvesting c		Others d	
	Kr.	Dollars	Kr.	Dollars	Kr.	Dollars	Kr.	Dollars
Fiscal Years								
1919-1920	4.17	.82	4.63	1.15	4.43	1.05	3.72	.80
1920-1921	4.60	.74	5.13	.85	4.93	.78	4.14	.53
Without Board and Room								
1919-1920	6.53	1.29	7.06	1.73	6.81	1.61	6.10	1.31
1920-1921	7.09	1.14	7.67	1.27	7.44	1.18	6.76	.94

Agricultural Wages in Norway.-Continued.

WAGES PER DAY DURING THE WINTER HALF-YEAR FOR FARM LABOR, d.

Fiscal Year	With Board and Room				Without Board & Room			
	Men		Women		Men		Women	
	Kr.	Dollars	Kr.	Dollars	Kr.	Dollars	Kr.	Dollars
1919-1920	6.14	1.31	3.17	.68	9.61	2.06	5.41	1.16
1920-1921	6.84	.95	3.50	.49	10.25	1.42	5.81	.81

a. Exchange rates on April 2, 1920 and April 1, 1921 used.
b. " " on July 19, 1919 and July 2, 1920 "
c. " " on August 2, 1919 and Aug. 2, 1920 "
d. " " on Dec. 2, 1919 and Dec. 2, 1920 "

WAGES FOR SERVANTS, WHEN BOARD AND ROOM ARE NOT FURNISHED.

(Average for the whole country)

Wages without board and room.	Male Servants			Female Servants		
	Whole a Year	Summer b half year	Winter half year c	Whole a Year	Summer b half year	Winter c half year
	Kr	Kr.	Kr.	Kr.	Kr.	Kr.
For the Fiscal Year						
1919-1920	1,201	730	529	613	348	288
1920-1921	1,355	807	598	703	400	328
VALUE IN U. S. MONEY						
1919-1920	$276	$173	$113	$141	$82	$62
1920-1921	194	128	83	101	63	46

Agricultural Wages in Norway.-Continued.

DAILY HOURS OF AGRICULTURAL LABOR DURING SUMMERS OF 1911 TO 1919.

Kind	1911	1912	1913	1914	1915	1916	1917	1918	1919
Gross	12.7	12.7	12.6	12.6	12.5	12.3	12.3	12.3	12.1
Rests	2.2	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
Net	10.5	10.4	10.4	10.4	10.3	10.1	10.1	10.1	9.9

(Source: Meddeleslse fra Det kgl. Salskap for Norges Vel's Undersokelser over jordbrukets driftsfor-hold.)

a. Exchange rates September 2, 1919 and 1920 used.
b. " " August 2, 1919 and 1920 "
c " " December 2, 1919 and 1920 "

MONTHLY PRODUCTION OF CHILIAN NITRATE, 1920 AND 1921.

Month	Production 1920	Production 1921
	Short tons	Short tons
January	202,000	213,000
February	206,000	165,000
March	227,000	168,000
April	218,000	150,000
May	235,000	127,000
June	222,000	104,000
July	233,000	97,000
August	244,000	93,000
September	226,000	75,000
October	254,000	81,000
November	239,000	78,000
December	241,000	82,000
Totals	2,747,000	1,433,000

Source: Les Mercuriales Agricoles, Belgium.

SPECIAL REPORTS ON FOREIGN CROPS AND MARKETS

The following are some of the principal reports on foreign agricultural crops and markets received during the week in the Research and Foreign Statistics Section from American Consular Officers and Agricultural Commissioners in foreign countries:

1. Farmers' Cooperative Movement in Alberta, No. 50678, American Consul at Calgary, Alberta, Canada.

2. Review of the French Sugar Industry, No. 50551, American Consul, Nancy, France.

3. Agriculture and Forestry of Rumania, No. 50787, American Consul, Bucharest, Rumania.

4. The Skin and Hide Market, Aden, Arabia, No. 48890, American Consul, Aden, Arabia.

5. The Statistical Position Respecting Australasian Wool, No. 50812, American Consul General, London, England.

6. The Jute Industry in Italy, No. 50650, American Vice Consul, Rome, Italy.

7. Report on Sale of Beef Cattle, Vera Cruz Consular District, No. 50742, American Vice Consul, Lisbon, Portugal.

8. Importation and Milling of Wheat in Portugal, No. 50708, American Consul General Lisbon, Portugal.

9. Sheep Raising and Wool Production in New Brunswick, No. 46124, American Consulate General, Halifax, Nova Scotia.

Inquiries regarding FOREIGN CROPS AND MARKETS should be addressed to the Research and Foreign Statistics Section, Bureau of Markets and Crop Estimates, Washington, D. C.

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. April 5, 1922. NO. 9

Contents

Of special interest in this issue are the statistics on the area and production of rye in the principal countries of the world (pages 86 - 90); the statistics on live stock in Germany and other countries (pages 94 - 95), and the statistics on prices of wheat, corn, bacon, and lard in Great Britain on February 18, 1922 compared with the corresponding date of 1921 (page 102). The table of British food imports during 1921 (page 96) shows that 77% of the wheat consumed in the United Kingdom was imported from abroad. Similar figures are given for rye, oats, butter, cheese, and other commodities.

AREA UNDER WINTER CEREALS IN SPAIN FOR THE FIVE-YEAR AVERAGE 1915-16 TO 1919-20 AND THE YEARS 1920-21 AND 1921-22.

Crop.	Area.		
	Average, 1915-16 to 1919-20.	1920-21.	1921-22.
	Acres.	Acres.	Acres.
Wheat	9,912,000	9,902,000	9,922,000
Rye	1,850,000	1,759,000	1,737,000
Barley	3,670,000	3,884,000	3,527,000
Oats	1,270,000	1,048,000	804,000

(Source: International Institute of Agriculture).

AREA UNDER WINTER CEREALS IN TUNIS FOR THE FIVE-YEAR AVERAGE 1915-16 TO 1919-20 AND FOR THE YEARS 1920-21 AND 1921-22.

Crop.	Area.		
	Average 1915-16 to 1919-20.	1920-21	1921-22.
	Acres.	Acres.	Acres.
Wheat	1,459,000	1,334,000	1,285,000
Barley	1,209,000	988,000	1,063,000
Oats	153,000	148,000	136,000
Flax	6,000	8,000	.....

(Source: International Institute of Agriculture).

RYE.

Area of Rye in the Principal Rye Producing Countries of the World for 1921, 1920, 1919, and Five-year Average, 1909-1913.

Country.	Average [a] 1909-1913	1919.	1920.	1921.
	1000 acres.	1000 acres.	1000 acres.	1000 acres.
NORTHERN HEMISPHERE.				
United States .....*	2,236	6,307	4,409	4,228
Canada .....*	112	753	650	1,842
Mexico	.....	.....	.....	.....
Austria .....*	[b] 5,019	717	711	758
Croatia-Slavonia	[b] 185	.....	.....	.....
Bosnia-Herzegovina	[b] 39	.....	.....	.....
Belgium .....*	644	523	523	523
Bulgaria .....*	[b] 530	446	452	489
Czechoslovakia	.....	[c] 1,824	2,199	2,183
Denmark .....*	632	583	560	559
Finland .....*	[d] 592	602	603	605
France .....*	[b] 2,960	2,010	2,148	2,160
Germany .....*	[b] 15,387	10,880	10,688	10,617
Greece .....*	[e] 13	58	131	[f] 222
Hungary	[b] 2,601	.....	1,475	1,370
Italy .....*	303	273	282	287
Luxemburg .....*	26	20	20	20
Netherlands .....*	557	497	492	492
Norway .....*	37	37	36	36
Rumania .....*	[b] 317	[g] 748	771	777
Russia proper	[b] 64,575	.....	.....	.....
Poland .....*	[b] 5,261	[h] 6,544	7,236	8,837
Portugal	.....	.....	.....	.....
Northern Caucasia	[b] 547	.....	.....	.....
Serbia	[b] 114	.....	.....	.....
Spain .....*	1,937	1,809	1,799	1,738
Sweden .....*	977	919	914	913
Switzerland .....*	60	54	52	49
Yugoslavia	.....	682	946	.....
United Kingdom .....*	61	122	108	91
Russia (Asiatic)	[b] 2,451	.....	.....	.....
Total	37,711	33,902	32,585	35,243

AREA OF RYE,- CONTINUED.

Country	Average a 1908-09 - 1912-13.	1918-19.	1919-20.	1920-21.
	1000 acres.	1000 acres.	1000 acres.	1000 acres.
SOUTHERN HEMISPHERE:				
Argentina	68	.....	.....	.....
Chile	6	8	.....	3
Uruguay	i	i	i	i
Australia	9	4	4	.....
New Zealand	5	i	.....	.....
Total	83	.....	.....	.....

(Source: Official estimates unless otherwise stated).

a. Five-year average except in a few cases where statistics were unavailable.
b. Old boundaries.
c. Bohemia, Moravia, and Silesia.
d. 1910 census.
e. 1914.
f. Includes Maslin.
g. Former Kingdom, Bessarabia and Bukowina.
h. Former Russian Poland, Western Galicia and Posen.
i. Less than 500.
*Designates countries included in totals.

RYE, - DONTINUED.

Production of Rye in the Principal Rye Producing Countries of the World for 1921, 1920, 1919, and Five-year Average, 1909-1913.

Country.	Average a. 1909-1913.	1919.	1920.	1921.
	1000 bushels	1000 bushels	1000 bushels	1000 bushels.
NORTHERN HEMISPHERE:				
United States .....*	34,916	75,483	60,490	57,918
Canada .....*	2,096	10,207	11,306	25,800
Mexico	70	.....	.....	.....
Austria .....*	b 112,752	9,035	10,046	12,661
Croatia-Slavonia	b 2,231	.....	.....	.....
Bosnia-Herzegovina	b 444	.....	.....	.....
Belgium .....*	22,675	14,505	18,168	17,761
Bulgaria .....*	b 8,553	6,490	9,798	8,390

PRODUCTION OF RYE, - CONTINUED.

Country.	Average a 1909-1913.	1919.	1920.	1921.
	1000 bushels	1000 bushels	1000 bushels	1000 bushels.
NORTHERN HEMISPHERE.				
Czechoslovakia	.....	32,734	32,941	54,382
Denmark .....*	18,098	14,909	13,242	12,204
Finland .....*	11,174	10,505	9,173	10,385
France .....*	b 48,647	30,577	34,098	44,494
Germany .....*	b 445,222	240,122	195,729	260,144
Greece .....*	c 218	1,081	1,360	d 3,151
Hungary	b 48,716	.....	20,564	22,095
Italy .....*	5,328	4,571	4,539	5,634
Luxemburg .....*	651	367	340	488
Netherlands .....*	16,422	14,289	14,245	16,646
Norway .....*	974	983	970	1,115
Rumania .....*	b 4,652	e 10,046	11,168	18,853
Russia proper	b 791,333	.....	.....	.....
Poland .....*	b 90,494	f 103,045	74,842	167,215
Portugal	.....	1,809	2,959	.....
Northern Caucasia	b 7,409	.....	.....	.....
Serbia	b 1,533	.....	.....	.....
Spain .....*	27,635	23,296	27,830	28,118
Sweden .....*	23,859	23,074	23,070	28,502
Switzerland .....*	1,783	1,575	1,622	1,559
Yugoslavia	.....	9,816	18,121	.....
United Kingdom	1,751	.....	.....	.....
Russia (Asiatic)	b 24,663	.....	.....	.....
Total	876,149	594,160	522,036	721,043

Country.	Average a 1908-09 - 1912-13.	1918-19.	1919-20.	1920-21.
	1000 bushels	1000 bushels	1000 bushels	1000 bushels
SOUTHERN HEMISPHERE:				
Argentina	949	.....	.....	.....
Chile	144	192	192	55
Uruguay	1	1	g	4
Australia	108	33	32	.....
New Zealand	97	.....	.....	.....
Total	1299	.....	.....	.....

(Source: Official Estimates unless otherwise stated).

PRODUCTION OF RYE, - CONTINUED.

a. Five-year average except in a few cases where statistics were unavailable.
b. Old boundaries.
c. 1914.
d. Includes Maslin.
e. Former Kingdom, Bessarabia and Bukowina.
f. Former Russian Poland, Western Galicia and Posen.
g. Less than 500.
* Designates countries included in totals.

CONSUMPTION OF RYE IN SELECTED COUNTRIES FOR THE FIVE-YEAR AVERAGES 1909-13 AND 1914-18.

(Including flour converted to grain).

Country and Period.	1909-1913.		1914-1918.	
	Total.	Per Capita.	Total.	Per Capita.
	1000 bus.	Bushels.	1000 bus.	Bushels.
Austria-Hungary	162,887	3.15	.....	.....
Belgium	27,564	3.68	.....	.....
France	51,844	1.31	30,831	0.82
Germany	418,798	6.37	.....	.....
India (British)	.....	....	.....	.....
Italy	5,946	.17	5,966	.16
Japan	.....	....	.....	.....
Netherlands	27,961	4.64	14,146	2.17
United Kingdom	3, 873	.09	3,478	.08
United States a	31,580	.34	41,335	.41

(Source: Official Estimates unless otherwise stated).

a. Includes insular possessions.

AVERAGE YIELD OF RYE PER ACRE IN UNDERMENTIONED COUNTRIES, 1890-1921.

	United States.	Russia (European).	Germany.	Austria.	Hungary Proper.	France a.	Ireland a
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels
Average:							
1890-1899	13.9	10.4	20.9	16.1	.....	17.6	25.2
1900-1909	15.7	11.5	25.6	19.0	17.6	17.1	27.5
1910-1919	12.7	b11.8	25.2	18.0	c 18.4	15.6	d 29.3
1919	12.0	.....	22.1	12.6	14.6	15.2	.....
1920	13.7	.....	18.3	14.1	14.0	15.9	.....
1921	13.7	.....	24.5	16.7	16.1	20.6	.....

(Compiled from Official Sources).

a. Winchester bushels.
b. Seven year average.
c. Six year average.
d. Nine year average.

THE MAPLE SUGAR INDUSTRY IN CANADA, 1921.

The American Consul General at Montreal, Canada, reports that the maple sugar industry in Canada is confined to the provinces of Quebec, Ontario, Nova Scotia and New Brunswick. Quebec is the heaviest producer, with about 60,000 farmers engaged in the industry and accounting for about seventy per cent of the Dominion output. In the past three years the production has increased threefold, and in 1921 Quebec's maple sugar output amounted to 30,000,000 pounds, valued approximately at $7,000,000.

Shipments to the Canadian army during the war resulted in a widespread demand for the product. Exports of maple sugar increased from 4,005,124 pounds, worth $1,121,959 in 1920 to 7,999,233 pounds worth $1,962,258 in 1921; and those of maple sirup from 9,270 gallons worth $20,669 in 1920 to 11,254 gallons valued at $31,767 in 1921.

(Source: Consular Report).

COTTON GROWING IN AUSTRALIA.

According to "The Times" of London the Queensland cotton for the 1921-22 season is to be ginned under an arrangement between the Queensland Government and the Australian Cotton Growers' Association.

It is expected to crop over 21,000 acres in Queensland. There is a state guarantee of 5½ pence (about 11 cents at par) per pound for the crops of this year and next year.

If this acreage should be cropped as planned it would constitute a tremendous increase over last year's acreage which was the highest record as can be seen from the following table:

Area and Yield per Acre of Cotton in Queensland.

Year	Area	Yield per acre, seed cotton	Year	Area	Yield per acres, seed cotton
	Acres	Pounds		Acres	Pounds
1921	1,500	.....	1915	72	170
1920	166	344	1914	134	152
1919	72	382	1913	214	165
1918	203	500	1912	441	341
1917	133	576	1911	605	309
1916	75	324	Av. for 20 years	.....	332

(A table showing production figures has been published in "Foreign Crops and Markets" of March 8).

In a letter to this Bureau, Hon. Vaughan, Chairman of the Australian Cotton Growers' Association stated that he expects an average yield of at least 600 pounds of seed cotton per acre. That this would exceed any yield per acre obtained heretofore can be seen from the above table. The highest yield for the past ten years was 576 and the average for the past twenty years was only 332 pounds per acre.

In connection with the above it is interesting to note the statement of Hon. Crawford Vaughan, quoted in the same issue of "The Times":

> "Cotton-growing offers a hopeful solution of land settlement in the North of Australia. Cotton had been grown at Laidley, Queensland, worth from 25 to 50 per cent more than the American product. The cost of labor would not be a bar to cotton culture in Australia, as it compares favorably with American wages. In fact there is little difference between the wages claimed by the Australian workers and those paid to colored pickers in America. The policy of the Australian Association is to grow "quality" cotton in the same way that Australia has grown "quality" wool. Care is

Cotton Growing in Australia,-Continued.

being taken to see that growers practice correct farming, use good seed, and handle their crops in the proper manner. They are being taught to regard their plants as annuals, not perennials, and this is leading to important results."

Area and Production of Cotton in Uganda during the Season 1920-21 and 1921-22.

The area under cotton in Uganda during the current season is estimated at 164,000 acres compared with 236,000 acres in 1920-21. The crop in the latter season is estimated to have exceeded 63,000 bales of 478 pounds net of which 59,000 bales had been exported by the end of last year. The current crop is estimated at 42,000 to 46,000 bales.

(Source: The Times Trade Supplement).

THE PRODUCTION OF SILK IN ITALY FOR 1922.

It is expected that the production of silk in Italy, will prove equal to the average, the latest estimate placing the crop of cocoons at 66,138,000 pounds compared with a similar amount for 1921, 65,477,000 pounds for 1920 and 66,076,000 pounds for the five-year average for 1915-19.

(Source: The Chamber of Commerce Journal).

PEANUT CROP IN SHANTUNG, 1917-1921.

In a report of the Agricultural News Office in Peking, the production of peanuts in Shantung for 1921 is given as 157,000 short tons, or 11,200 tons less than in 1920, due to excessive rains. In 1919 the production was 179,000 tons in 1918, 560,000 tons and in 1917, 224,000 tons.

(Source: The London Grain, Seed and Oil Reporter).

PRODUCTION AND IMPORTS OF RICE IN GREECE.

In 1920 the amount of rice exported to Greece by the United States was 25,613,000 pounds or 70 per cent of the total amount imported. The amount exported to Greece in 1921 by the United States shows further increase being 34,216,281 pounds. The total amount imported by Greece in 1920 was 36,764,000 pounds and in 1915, 30,251,000 pounds. The quantity of rice produced in Greece is small being estimated in 1920 at 1,826,000 pounds. This is the largest crop since 1915 when the yield was 2,387,000 pounds.

(Source: Consular Report).

PRODUCTION OF OLIVE OIL IN GREECE FOR THE YEAR 1921-22.

The production of olive-oil in Greece for 1921-22 according to the official estimate shows a large decrease. This year's production amounts to only 11,946,000 gallons compared with 43,455,000 gallons for 1920-21. According to the Grecian law only 29 per cent of this year's production of olive-oil may be exported which amounts to 3,173,000 gallons. The stock on hand from last year is reported as about 18,000,000 gallons.

The olive crop for the present year is estimated to be about 522,070,000 pounds. About 423,300,000 pounds were used in the production of olive-oil. In general five pounds of Ionian Island olives produce one pound of oil while in the other districts the ratio has been four to one. A gallon of olive-oil weighs approximately seven and one-half pounds.

(Source: Consular Report).

AREA AND PRODUCTION OF RUBBER IN INDIA IN 1919 AND 1920.

The area of rubber trees in India in 1920 was 125,000 acres compared with 119,000 acres in 1919. The production in 1920 was 13,789,000 pounds compared with 13,615,000 pounds in 1919.

(Source: Department of Statistics, India).

NUMBER OF LIVE STOCK IN GERMANY ON DECEMBER 1, 1913, 1920 AND 1921.

Kind	December 1, 1913. a	December 1, 1920	December 1, 1921
Horses	3,836,000	3,588,000	3,683,000
All cattle	18,571,000	16,807,000	16,840,000
Cows	10,032,000	8,790,000	9,091,000
Bulls, Steers and Oxen	.....	1,018,000	1,052,000
Calves	.....	1,304,000	1,228,000
Young cattle (3 mos. to 2 years old)	.....	5,695,000	5,468,000
Swine	22,669,000	14,179,000	15,876,000
Sheep	4,989,000	6,150,000	5,882,000
Goats	3,197,000	4,459,000	4,337,000
Geese	.....	5,525,000	5,630,000
Ducks	.....	2,371,000	2,025,000
Chickens	.....	53,060,000	60,320,000
Rabbits	.....	6,876,000	4,450,000

(Source: Wirtschaft und Statistik, Germany).

a. New boundaries.

NUMBER OF LIVE STOCK IN THE UNITED KINGDOM (INCLUDING THE ISLE OF MAN AND CHANNEL ISLANDS) ON JUNE 4, 1913, 1920 AND 1921.

Kind	1913	June 4, 1920	June 4, 1921
Horses	1,874,000	1,883,000	1,903,000
Cattle	11,937,000	11,773,000	11,893,000
Sheep	27,629,000	23,404,000	24,273,000
Pigs	3,306,000	3,116,000	3,639,000

(Source: Agricultural Statistics 1921. Ministry of Agriculture and Fisheries).

NUMBER OF CATTLE IN THE COMMONWEALTH OF AUSTRALIA, 1915 TO 1920.

Year	All Cattle	Dairy Cattle
1915	9,931,000	1,684,000
1916	10,468,000	1,747,000
1917	11,956,000	1,905,000
1918	12,739,000	1,902,000
1919	12,711,000	1,909,000
1920	a 13,168,000	.....

(Source: Official Year Book, Australia, 1921).

a. Taken from the estimate of W. Weddel and Company, Ltd.

Number of Sheep in the Commonwealth of Australia, December 31, 1920.

The number of sheep in Australia on December 31, 1920 was estimated at 73,470,000 compared with 75,554,000 in 1919.
(Source: W. Weddel and Company Ltd. Thirty Fourth Annual Review of the Frozen Meat Trade, 1921, London).

NUMBER OF LIVE STOCK IN POLAND.

Number of Live Stock in 79 Districts of Congress Poland (former Russian Poland) in 1907 and 1920 and in 67 Districts of Galicia (former Austrian Poland) for 1910 and 1920.

Kind of Animal	79 Districts of Congress Poland		67 Districts of Galicia	
	1907	1920	1910	1920
Horses	1,195,000	989,000	723,000	539,000
Cattle	2,396,000	2,049,000	2,066,000	1,443,000
Swine	700,000	704,000	1,461,000	271,000
Sheep	1,345,000	297,000	263,000	112,000

(Source: Viribus Unitis).

Number of Live Stock in Poland (former Prussian Poland), in 1912, 1918 and 1919-20.

Kind of Animal	1912	1918	1919-1920
Horses	439,000	368,000	397,000
Cattle	1,281,000	951,000	1,102,000
Swine	1,635,000	883,000	1,222,000
Sheep	495,000	394,000	524,000

(Source: Viribus Unitis).

BRITISH FOOD IMPORTATIONS DURING 1921.

The Minister of Agriculture in the United Kingdom, has had the following table prepared giving the estimated consumption of wheat, barley, oats, butter and cheese for 1921 and of beef, veal, mutton, lamb and pork for June 1920 to May 1921:-

Commodity	Unit	Estimated total consumption	Proportion of Home-grown and imported Produce	
			Home-grown	Imported
			Percent	Percent
1921				
Wheat	Bushels	266,896,000	23	77
Barley	"	100,893,000	64	36
Oats	"	242,480,000	88	12
Butter	Pounds	649,600,000	43	57
Cheese	"	418,880,000	26	74
June 1920 to May, 1921				
Beef and veal	"	2,710,400,000	54	46
Mutton and lamb	"	1,164,700,000	40	60
Pork a	"	1,411,200,000	48	52

(Source: Consular Report).

a. The total consumption of bacon alone cannot be given.

STOCKS OF WOOL.

The Board of Trade Journal of February 23 publishes a statement of British Wool Realization Association on the stocks of wool on hand and afloat January 31, 1922. These figures and corresponding figures for previous dates are given in the table below. It is to be observed that as compared with the stocks on December 31, 1921, the Australian merinos are reduced by 13% and crossbreds by 3% while as compared with stocks a year ago the merinos are 58% less and crossbreds 17% less.

Stocks on Hand and Afloat (bales of about 330 lbs.)

	January 31, 1921	December 31, 1921	January 31, 1922	January 31, 1922 as compared with December 31, 1921	January 31, 1922 as compared with January 31, 1921
	Bales	Bales	Bales	Per cent	Per cent
Australian -					
Merino:					
Combing	.....	308,449	269,929	87.5	.....
Clothing	.....	67,470	52,420	77.7	.....
Carbonizing ...	.....	44,230	42,823	96.8	.....
Total merino	368,742	420,149	365,172	87	42
Crossbred:					
Combing	.....	508,381	492,664	96.9	.....
Clothing	.....	103,768	100,704	97.1	.....
Carbonizing ...	.....	143,477	142,116	99.1	.....
Total crossbred	890,254	755,626	735,484	97	83
Total Australian	1,758,996	1,175,775	1,100,656	94	63
New Zealand -					
Merino	3,296	2,732	2,569	94.0	.....
Crossbred (bulk combing).....	448,584	377,360	354,872	94.0	.....
Slipes	151,791	126,097	121,283	96.2	.....
Scoured	158,493	127,884	122,318	95.7	.....
Total New Zealand.	762,164	634,053	601,042	95	79
Total Australasian	2,521,160	1,809,828	1,701,698	94	67
South African..	.....	80,550	75,208	93.4	.....
Grand Total ...	.....	1,890,378	1,776,906	95	.....

(Source: Board of Trade Journal).

RYE.

International Trade of Rye, Including Flour, for the Calendar Years, 1918, 1919, 1920 and the Average 1911-1913.

Country	Average 1911-1913		1918		1919		1920	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
PRINCIPAL EXPORTING COUNTRIES:								
rgentina	(a)	443	.....	2	.....	160	.....	.....
ulgaria	1	2,336	.....	.....	.....	.....	.....	17
anada	86	69	295	798	10	1,897	21	3,143
ermany	16,900	44,951	.....	.....	.....	.....	17,396	850
umania	49	3,411	.....	.....	101	.....	.....	1,560
ussia	5,231	34,921	.....	.....	.....	.....	.....	.....
nited States	.....	855	.....	16,308	.....	40,494	.....	59,253
PRINCIPAL IMPORTING COUNTRIES:								
ustria-Hungary.....	1,224	19	.....	.....	.....	.....	.....	.....
elgium	6,157	914	.....	.....	1,724	1	3,768	64
enmark	8,587	303	(a)	641	396	748	391	965
inland	15,472	47	345	(a)	.....	.....	2,518	.....
rance	4,138	7	1,346	1	665	15	16,351	14
aly	721	2	3,506	(a)	379	9	2,391	(a)
etherlands	31,023	18,870	751	(a)	1,906	483	602	2,089
orway	10,520	42	3,095	.....	6,190	4	8,374	10
weden	3,769	40	138	140	3	68	.....	.....
witzerland	729	1	452	(a)	1,632	(a)	153	2
nited Kingdom	2,195	4	5,300	8	.....	.....	.....	.....
ther countries ...	541	352	5	89	49	45	540	608
Total	107,343	107,587	15,233	17,987	13,055	43,924	52,505	68,575

(Compiled from Official Sources).

Less than 500 bushels.

IMPORTS OF FLOUR OF ALL KINDS INTO THE NETHERLANDS

Variety	1920	1921
	Barrels	Barrels
Wheat Flour		
Origin:		
United States	404,000	882,000
India	.....	29,000
China and Argentina	100,000	91,000
Total	504,000	1,002,000
Rye Flour		
Origin:		
United States	8,000	5,000
Others	4,000	2,000
Total	12,000	7,000
Corn Flour		
Origin:		
United States	28,000	43,000
Others	31,000	9,000
Total	59,000	52,000
Buckwheat Flour		
Origin:		
United States	28,000	22,000
Total	28,000	22,000
Rice Flour		
Origin:		
United States	12,000	4,000
Total	12,000	4,000
Grand Total	615,000	1,087,000
Total Imports from the United States	480,000	956,000

(Source: Consular Report).

EXPORTS OF FLOUR FROM THE NETHERLANDS.

Varieties	1920	1921
	Barrels	Barrels
Wheat Flour	12,688	568,247
Rye "	191	61,346
Corn "	5,444	4,454
Rice "	4,083	12,530
Buckwheat Flour	754	1,204
All other	2,733	7,829
Total	25,893	655,610

Almost exactly half of the exports of wheat flour in 1921 went to Germany, 26 per cent went to Czechoslovakia and 18 per cent went to Austria. Finland took 70 per cent of the exports of rye flour and Czechoslovakia and Germany the balance.

(Source: Consular Report).

Exports of Potato Flour and Dextrine from The Netherlands.

Destination	1920	1921
	Pounds	Pounds
United States	2,787,000	6,268,000
Great Britain	30,181,000	34,240,000
Germany	66,987,000	94,919,000
Belgium	25,095,000	18,031,000
France	6,869,000	11,515,000
Italy	11,816,000	6,682,000
Spain	13,543,000	10,518,000
Switzerland	5,051,000	3,250,000
Austria	1,349,000	5,855,000
Finland	4,204,000	2,366,000
Czechoslovakia	2,502,000	2,330,000
Total	170,464,000	195,974,000

(Source: Consular Report).

AGRARIAN REFORM IN ROUMANIA.

Under the recent expropriation measure as enacted the following land is subject to expropriation by the State:

	Acres
State arable lands	356,000
Arable lands belonging to the Royal Domain, corporations and institutions	1,080,000
Land belonging to foreigners	222,000
Land belonging to absentee landlords	101,000
Land held by other private landowners	3,738,000
	5,497,000

The basis of the expropriation is as follows:

In closely populated regions about 500 acres have been left to the landowner; in districts of medium population about 700 are left, and in sparsely settled districts about 1,000 acres. About 200 acres of vineyard or orchard ground are inexpropriable.

Before the enactment of the expropriation measure there were in the Old Kingdom portion of Roumania 4,370,000 holdings under 200 acres in size and 3,905,000 holdings over 200 acres.

Upon the completion of the expropriation processes there will be 7,368,000 holdings under 200 acres in size and only 577,000 holdings exceeding 200 acres.

Under this division the peasants will become owners of farms varying in size from about 12 to 50 acres for each family. Twenty annual payments, each equal to the local rental value of the farm, will be paid by the peasants; the expropriated landowner being given twenty year bonds for the full amount due him and the State assuming all responsibility for interest charges.

This process of vesting the ownership of extensive tracts of land in individual peasants is proving to be a slow and rather difficult matter and it is believed that the process of transfer will not be completed for several years. (Source: Consular Report)

LABOR EMPLOYED ON HOLDINGS OF MORE THAN ONE ACRE IN ENGLAND AND WALES, 1908, 1913 AND 1921.

Year	Regular Workers		Casual Workers		Total
	Males	Women and girls	Males	Women and girls	
1908	508,000	68,000	114,000	32,000	722,000
1913	508,000	43,000	78,000	22,000	651,000
1921	612,000	73,000	131,000	53,000	869,000

"If we add to the number of persons employed the number of those occupying the land in England and Wales, or about 400,000, we get a total of approximately one and one quarter million persons employed on agricultural holdings over one acre in 1921."

(Source: Agricultural Statistics, 1921. Ministry of Agriculture and Fisheries, London).

PRICES OF WHEAT, CORN, BACON AND LARD IN GREAT BRITAIN ON FEBRUARY 18, 1921 AND 1922.

The shillings and pence of English currency have been converted to cents of United States currency according to the rate of exchange prevailing on February 18, 1921 and 1922.

Commodity and Grades	1921				1922			
	Shillings and pence per unit of measure		Cents per unit of measure		Shillings and pence per unit of measure		Cents per unit of measure	
	Low	High	Low	High	Low	High	Low	High
	Sh d.	Sh d.	Cents	Cents	Sh d.	Sh d.	Cents	Cents
	Quarters of 504 Pounds		Bushels of 60 Pounds		Quarters of 504 Pounds		Bushels of 60 Pounds	
Wheat:								
English	60 0	75 0	138.4	173.0	52 0	56 0	135.4	145.8
Australian ...	.. .	.. .	.....	.....	59 6	60 0	154.9	156.2
Foreign	80 0	.. .	184.5	.....	59 6	65 0	154.9	169.3
	Quarters of 480 Pounds		Bushels of 56 Pounds		Quarters of 480 Pounds		Bushels of 56 Pounds	
Corn:								
Argentine	56 6	.. .	127.7	.....	42 0	42 6	107.2	108.5
American	53 0	54 0	119.8	122.1	36 0	38 0	91.9	97.0
Rumanian	55 0	56 0	124.3	126.6	.. .	.. .	.....	.....
S. African ...	53 6	54 0	120.0	122.1	37 6	41 0	95.7	104.6

Prices of Wheat, Corn, Bacon and Lard in Great Britain, - Continued.

Commodity and Grades	1921				1922			
	Shillings and pence per unit of measure		Cents per unit of measure		Shillings and pence per unit of measure		Cents per unit of measure	
	Low	High	Low	High	Low	High	Low	High
	Sh d.	Sh d	Cents	Cents	Sh d	Sh d	Cents	Cent
	Cwt. of 112 Pounds		Pounds		Cwt. of 112 Pounds		Pounds	
Bacon:								
Irish(ex-factory)								
Sixes	210 0	215 0	36.3	37.2	148 0	150 0	28.9	29.
Extra heavy ...	200 0	... .	34.6	....	126 0	... .	24.6	...
Danish								
No. 1 Sizeable	213 0	... .	36.8	....	150 0	... .	29.3	...
Seconds	213 0	... .	36.8	....	140 0	142 0	27.3	27.
Swedish								
No. 1 Sizeable	204 0	... .	35.3	....	... .	... .	....	...
Seconds	204 0	... .	35.3	....	... .	... .	....	...
Dutch								
No. 1 Sizeable	200 0	204 0	34.6	35.3	128 0	133 0	24.9	25.
Seconds	200 0	204 0	34.6	35.3	... .	... .	....	...
Canadian								
Leanest	170 0	... .	29.4	.....	135 0	... .	26.4	...
Lean	170 0	... .	29.4	.....	135 0	... .	26.4	...
Stout and Heavy	165 0	... .	28.5	....	125 0	132 0	24.4	25.
Seconds	160 0	165 0	27.7	28.5	128 0	... .	24.9	...
American								
Leanest	130 0	136 6	22.5	23.6	117 0	125 0	22.9	24.
Lean	130 0	136 6	22.5	23.6	117 0	123 0	22.9	24.
Stout	130 0	136 6	22.5	23.6	... .	... .	....	...
Seconds	130 0	136 6	22.5	23.6	107 0	118 0	20.9	23.
Seconds(bellies)	195 0	... .	33.7	....	84 0	90 0	16.4	17.
Lard								
Irish bladders	112 0	120 0	19.3	20.8	70 0	80 0	13.7	15
Irish boxes ...	112 0	... .	19.3	....	65 0	... .	12.7	..
Danish	110 0	122 0	19.0	21.1	80 0	... .	13.7	..
United States pails	138 0	... .	23.9	....	75 9	... .	14.6	..
United States boxes	138 0	... .	23.9	....	70 0	72 0	13.7	14
United States tierces	... .	... .	....	....	... .	... .	....	..
Dutch	... .	... .	....	.....	... .	... .	....	..

(Source: The Grocer and Oil Trade Review).

SPECIAL REPORTS ON FOREIGN CROPS AND MARKETS

The following are some of the principal reports on foreign agricultural crops and markets received during the week in the Research and Foreign Statistics Section from American Consular Officers and Agricultural Commissioners in foreign countries. This list of reports is by no means complete and is published primarily with a view to showing the variety and character of information received from foreign countries. Some of the reports will be made the basis for published articles in "Weather, Crops, and Markets" and also in "Foreign Crops and Markets." The reports are also used in connection with answering inquiries on special subjects. As a general rule no extra copies of these reports are available for distribution, but in special cases copies will be supplied upon request.

1. The Production and Development of High Grade Seed Potatoes in New Brunswick for Export to the United States, No. 52097, American Consul at Fredericton.

2. Crisis in Dutch Butter and Cheese Industry No. 49161, American Consul General at Rotterdam, The Netherlands.

3. Review of the Egyptian Onion Season for 1920-21, No. 51559, American Consul at Alexandria.

4. American Fruit in the English Markets and Some Competitors, No. 52012, American Consul General, London.

5. New System of Meat Inspection for Great Britain As Recommended by the British Ministry of Health, No. 52431, American Consul General London.

CORRECTIONS:

In the March 15 issue of "Foreign Crops and Markets", Vol. IV, No. 6, on page 28, the total for cattle in non-European countries before the war should be 276,759,000 and the grand total should be 569,870,000.

In the issue of March 29, Vol. IV, No. 8, on page 73, the number of sheep in Sweeden on June 1, 1919 should have been 1,564,000 making the total for Western and Northern Europe 73,777,000, and the grand total 361,320,000.

Inquiries regarding "Foreign Crops and Markets" should be addressed to the Research and Foreign Statistics Section, Bureau of Markets and Crop Estimates, Washington, D. C.

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. April 12, 1922. NO. 10.

CONTENTS.

SUMMARY OF THE CONTENTS OF THIS NUMBER.

The summary of foreign crop prospects on pages 107 and 108 shows that the production of wheat in Argentina is 90.6% of the five-year average 1915-16 to 1919-20. The production in Australia is 14.6% above the five-year average. The area sown to wheat in British India is 28,012,000 acres compared with 23,352,000 for the same date for 1920-21. The new wheat crop has generally wintered well in Western Europe, fair in Central Europe and poor in Eastern Europe. The condition of corn is fair in Argentina but poor in South Africa. The rice crop in British India exceeds the five-year average by 2,009,280,000 pounds.

(Continued on next page).

SUMMARY OF THE CONTENTS OF THIS NUMBER. (Continued)

The area of winter wheat and rye of Poland for this year shows considerable increase over last year as shown on page 109. The area and production of all crops in Czechoslovakia and Esthonia are shown on pages 110 and 111. On page 112 to 115 may be found tables giving the area, production, average yield and consumption of corn in all principal countries and on page 123 the international trade of corn. On page 116 is shown the crops and livestock in Europe for comparable areas before and after the war.

On pages 117 to 119 may be found the number of livestock in the Dutch East Indies, Australia and Esthonia. The number of cattle in Australia for 1920 is 13,373,000 compared with 11,484,000 in 1913. The number of sheep, show a decrease, being 77,900,000 in 1920 compared with 85,057,000 in 1913. The number of sheep in Canada in 1921 as shown on page 118 is 3,676,000 compared with 2,039,000 in 1915.

The agricultural index number of market prices of agricultural produce in Great Britain as given on page 124 shows the percentage of increase compared with pre-war years during each month from 1919 up to the present.

The wages of agricultural workers in France are shown on pages 125 to 127 in French Currency and also United States Currency according to the prevailing rate of exchange. The daily wage varies from $.85 to $2.84 according to the class of labor and season during the year 1921.

On pages 127 and 128 are given the prices (low and high) of wheat, corn, bacon and lard in Great Britain on February 25, 1921 and 1922. The lowest price of American corn for 1921 was $1.061 compared with $.927 in 1922 and the highest price was $1.196 compared with $.979 in 1922.

RECENT STORM UNFAVORABLE TO LAMB CROP IN GREAT BRITAIN.

The recent heavy snow storm which occurred in many parts of Great Britain on March 26, and which piled as heavily as three feet on the moors, has had a very serious effect on the lamb crop of the year, according to a report from the Agricultural Commissioner in London. It is not possible to estimate as yet how great the damage is, but the shepherds report considerable losses of lamb in most of the sheep centers. The cold weather still continues and is very unfavorable to lambing.

SUMMARY OF FOREIGN CROPS PROSPECTS.

WHEAT.

ARGENTINE CROP WILL PROBABLY EXCEED EARLY ESTIMATES.

The thrashing of the Argentine wheat crop is practically completed. No recent estimates of the production have been made but the present outlook indicates that the first official estimate of 154,873,000 bushels or 91.2% of the crop of 1920-21 and 90.6% of the average of the five-years 1915-16 to 1919-20 will probably be exceeded. The quality of the grain is generally good.

YIELD PER ACRE IN AUSTRALIA 14 BUSHELS COMPARED WITH 11.2 FOR THE FIVE-YEAR AVERAGE 1915-16 TO 1919-20.

The average yield of the wheat crop in Australia for 1921-22 is 14 bushels per acre compared with 15.9 bushels in 1920-21 and 11.2 for the five-year average 1915-16 to 1919-20. The total area sown was 9,582,000 acres compared with 9,069,000 acres in 1920-21. The preliminary estimate of the total production was 134,184,000 bushels compared with 143,965,000 bushels for the previous year but 14.6% above the five-year average. The revised estimates will probably show some decrease but the quality of the grain is reported to be very good.

PRODUCTION IN NEW ZEALAND EXCEEDS LAST YEAR.

The total yield of wheat in New Zealand for 1921-22 is estimated at 10,500,000 bushels compared with 6,872,000 bushels for 1920-21 and 6,086,000 for the five-year average 1915-16 to 1919-20. The average yield per acre is 29.3 bushels compared with 31.2 for 1920-21. The area in 1921-22 shows considerable increase being reported as 363,000 acres compared with 223,000 acres for the previous year and 235,000 for the five-year average.

HARVESTING IN PROGRESS IN BRITISH INDIA.

The area sown to wheat in British India for 1921-22, as stated in the Supplementary Memorandum of February 15, Department of Statistics, is given as 23,012,000 acres compared with 23,352,000 for the same date for 1920-21. The final revised acreage for 1920-21 was 25,722,000 acres and that of the five-year average 1915-16 to 1919-20 was 30,499,000 acres.

CONDITIONS FAVORABLE IN WESTERN EUROPE.

Wheat has wintered well in the United Kingdom and the condition is fully up to the average. The condition in Belgium, France and Spain is reported as quite satisfactory. The favorable spring weather is facilitating the spring seeding of cereals and will tend to increase the acreage especially as the area of fall sown cereals in general shows some decrease due to the drought at seeding time.

Wheat,-Cont'd.

CONDITIONS FAIR IN CENTRAL EUROPE BUT POOR IN EASTERN SECTION.

Wheat has wintered well in Latvia, Czechoslovakia, Yugoslavia, Austria and Rumania and favorable spring weather is reported. Preparations for spring seeding are making good progress and some seeding has commenced. Some winter killing is reported in Poland especially west of the Vistula river while in the southern provinces considerable damage by vermin is reported. Some damage from frost is also reported in Germany, although the majority of the crop was well protected by a good covering of snow. Recent rains have greatly benefited the wheat crop throughout Italy and the present prospects are quite favorable.

CONDITION FAIR IN ALGERIA AND TUNIS AND GOOD IN EGYPT.

Growing conditions are reported as favorable in Tunis and Algeria and a fair crop is expected. Drought is causing some apprehension in the southern section of Tunis. The condition of the wheat crop in Egypt is reported as 100 or average in Lower and Upper Egypt and 99 in Middle Egypt.

CORN

PRESENT PROSPECTS FOR CROP NOT UP TO EARLY EXPECTATIONS IN ARGENTINA AND UNION OF SOUTH AFRICA.

Recent rains have broken the drought in Argentina and greatly benefited the corn crop. In many sections however the crop was too far advanced to be benefited to any extent and the yield will not equal early expectations. The condition continues to be reported as poor in the Union of South Africa and in Southern Rhodesia it is estimated that only 60% of a crop will be harvested due to the damage from drought.

RICE.

YIELD OF RICE IN BRITISH INDIA 910 POUNDS PER ACRE COMPARED WITH 786 POUNDS IN 1920-21.

The total production of rice in British India for 1921-22 as published in the Final General Memorandum, Department of Statistics, India, is given as 73,906,560,000 pounds of cleaned rice compared with 62,077,120,000 pounds in 1920-21 and 71,897,280,000 pounds for the five-year average 1915-16 to 1919-20. The average yield per acre is reported as 910 pounds compared with 786 pounds in 1920-21 and 905 pounds for the five-year average.

AREA OF WINTER CEREALS IN POLAND, 1920-21.

(000 omitted).

District.	Wheat.		Rye.	
	1920.	1921.	1920.	1921.
	Acres.	Acres.	Acres.	Acres.
Congress Poland (5 districts)	814	1,014	4,294	5,253
Eastern borderlands (3 districts)	120	228	1,103	1,832
Former Prussian Poland	158	203	1,974	2,225
Galicia	859	983	1,442	1,608
Teschen Silesia	6	6	21	20
Total Polish Republic	1,967	2,434	8,834	10,940

(Source: Commerce Reports).

AREA, PRODUCTION AND AVERAGE YIELD OF RICE, PEANUTS, SUGARCANE AND COTTON IN BRITISH INDIA FOR 1921 AND 1922.

Crops.	Area.		Production.		Average Yield.	
	1920-21	1921-22	1920-21	1921-22	1920-21	1921-22
	1,000 Acres.	1,000 Acres.	1,000 Short Tons.	1,000 Short Tons.	Pounds.	Pounds.
Rice	78,969	81,234	31,039	36,953	736	910
Peanuts	2,126	1,946	1,145	1,030	1,077	1,059
Sugar cane	2,566	2,381	2,826	2,903	2,202	2,439
Cotton	21,341	18,485	a 3,013	a 3,749	67	97

(Source: Final General Memorandum, Department of Statistics).

a. Bales of 473 pounds.

AREA, PRODUCTION, AVERAGE YIELD OF VARIOUS CROPS IN CZECHOSLOVAKIA, 1920-1921.

Crops	Area.		Production		Average Yield.	
	1920.	1921.	1920.	1921.	1920.	1921.
	1000 Acres.	1000 Acres.	1000 Bushels.	1000 Bushels	Bushels	Bushels.
Wheat:						
Winter	1,409	1,408	23,583	37,402	16.81	25.88
Spring	164	129	2,779	3,271	16.96	25.29
Rye:						
Winter	2,183	2,040	32,333	53,589	14.98	25.16
Spring.....	54	53	608	793	11.32	14.98
Barley:						
Winter	27	26	583	643	21.57	24.73
Spring.....	1,688	1,556	36,654	46,721	21.76	29.94
Oats	1,980	2,002	59,654	72,351	30.32	36.26
Maslin	48	43	703	962	14.77	22.16
Maize	376	363	9,648	10,501	26.13	28.85
Potatoes.....	1,493	1,516	183,799	136,428	123.02	90.00
			Tons.	Tons	Tons	Tons.
Sugar beets.....	517	539	5,270	4,811	10.18	8.92
Flax	106.	87	23	13	.42	.15
Hemp	46	28	14	4	.61	.13
			Pounds.	Pounds	Pounds.	Pounds.
Hops	21	21	11,607	5,529	562.31	267.77
Tobacco.....	3	3	3,391	2,842	1,258.49	847.91
Colza (rape) ...	16	12	15,880	12,857	963.95	1,071.06

(Source: American Consul Prague, Czechoslovakia).

AREA AND PRODUCTION OF FLAX IN ESTHONIA, 1908-1920.

Year.	Area.	Production.	
		Fiber.	Seed.
	Acres.	Pounds.	Bushels.
1908	96,000	45,600,000	660,000
1916	68,000	23,052,000	358,000
1919	30,000	9,062,000	170,000
1920	50,000	11,366,000	187,000

(Source: "Agricultural Conditions in Esthonia". American Consul, Reval, Esthonia.)

AREA AND PRODUCTION IN ESTHONIA FOR 1919 AND 1920

Crop.	Area.		Production.	
	1919.	1920.	1919.	1920.
	Acres.	Acres.	Bushels.	Bushels.
Rye:				
Winter	320,000	347,000	4,973,000	3,794,000
Summer	7,000	4,000	84,000	34,000
Wheat:				
Winter	17,000	16,000	254,000	150,000
Summer	16,000	15,000	218,000	124,000
Barley	259,000	273,000	4,473,000	2,724,000
Potatoes	135,000	157,000	18,349,000	21,240,000
Buckwheat	6,000	6,000	58,000	41,000
Oats	335,000	351,000	7,702,000	5,349,000
Mixed grain	103,000	106,000	1,542,000	896,000
Peas, beans	6,000	8,000	74,000	73,000
Flax seed	.....	.....	236,000	203,000
			Short Tons.	Short Tons.
Mangel-wurzels	8,000	7,000	58,000	38,000
Hay, from seed	348,000	275,000	.....	162,000
Flax:				
Fiber	34,000	50,000	7,000	5,000

(Source: "Agricultural Conditions in Esthonia". American Consul, Reval, Esthonia).

PRODUCTION OF OATS IN NEW ZEALAND.

The percentage of oats thrashed for the five seasons ending with 1920-21 was 31.87 of the total area under that crop. If a similar proportion is thrashed this year, the yield of grain will approximate 6,000,000 bushels as against an actual yield of 5,225,000 bushels for 1920-21.

(Source: Extract from N. Z. Gazette).

AREA OF CORN IN UNDERMENTIONED COUNTRIES, 1909-13, 1919, 1920, 1921.

(000 omitted).

Country.	Average a 1909-1913.	1919.	1920.	1921.
	Acres.	Acres.	Acres.	Acres.
NORTHERN HEMISPHERE				
United States ..... *	104,229	97,170	101,699	103,850
Canada ..... *	315	265	292	297
Mexico	11,554	.....	.....	.....
Austria	b 761	104	102	.....
Bulgaria ..... *	b 1,544	1,392	1,399	1,418
Czechoslovakia	.....	.....	376	363
France ..... *	b 1,155	744	829	810
Hungary	b 6,038	.....	2,017	1,950
Italy ..... *	3,931	3,709	3,710	3,707
Yugoslavia	.....	.....	3,018	.....
Portugal	.....	597	.....	.....
Rumania ..... *	b 5,143	c 6,751	d 7,330	6,959
Russia	b 3,173	.....	.....	.....
Serbia.....	b 1,445	.....	.....	.....
Spain ..... *	1,134	1,179	1,168	1,181
Switzerland.....	.....	6	6	5
British India	6,340	6,039	6,616	.....
Japan	130	137	139	.....
Philippine Islands	992	1,064	1,327	.....
Algeria ..... *	34	15	22	24
Tunis ..... *	43	45	23	50
Egypt	1,857	1,792	1,938	.....
Morocco	.....	475	309	375
Total	117,528	111,270	116,472	118,296
SOUTHERN HEMISPHERE	Average a 1903-09 - 1912-13.	1918-19.	1919-20.	1920-21.
	Acres.	Acres.	Acres.	Acres.
Argentina ..... *	8,128	9,800	8,184	8,090
Chile	56	65	.....	57
Uruguay.....	551	552	495	.....
Union of South Africa .	.....	3,952	3,122	3,493
Australia	352	288	265	.....
New Zealand ..... *	10	10	9	11
Total	8,138	9,810	8,193	8,101

(Source: Official estimates unless otherwise stated).

Area of Corn,-Continued.

. Five-year average except where statistics were unavailable.
. Old boundaries.
. Former Kingdom, Bessarabia and Bukowina.
. Former Kingdom, Bessarabia, Bukowina and Transylvania.
Designates countries included in totals.

CORN,-CONT'D.

Production of Corn in Undermentioned Countries, 1909-13, 1919, 1920, 1921.

(000 omitted).

Country.	Average a 1909-1913.	1919.	1920.	1921.
	Bushels.	Bushels.	Bushels.	Bushels.
NORTHERN HEMISPHERE				
nited States..... *	2,708,334	2,811,302	3,208,584	3,080,372
anada ..... *	18,178	16,940	14,335	14,904
exico	164,657	.....	.....	.....
ustria ..... *	b 14,536	2,115	2,122	2,456
ulgaria ..... *	b 28,219	39,412	34,427	34,385
zechoslovakia	.....	c 448	9,648	10,501
rance ..... *	b 22,229	10,113	15,267	12,202
ungary	b 168,081	.....	50,156	27,141
taly ..... *	100,349	85,846	89,299	94,484
ugoslavia	.....	64,753	86,556	.....
ortugal	15,000	6,495	.....	.....
umania ..... *	b 100,620	d 137,412	e 92,952	f 99,036
ussia	b 56,571	.....	.....	.....
erbia.....	b 28,128	.....	.....	.....
pain ..... *	26,548	25,555	27,693	28,048
witzerland	.....	287	280	218
ndia (British)	87,240	71,288	98,760	.....
apan	3,637	.....	.....	.....
hilippine Islands..... *	7,446	13,095	16,978	13,108
lgeria ..... *	461	236	254	358
unis	.....	257	19	315
gypt	64,220	63,977	70,569	.....
orocco.....	.....	3,114	3,436	3,726
Total	3,026,920	3,142,026	3,501,911	3,384,353

CORN, - Cont'd.

(000 omitted).

Country.	Average a 1908-09 - 1912-13.	1918-19.	1919-20.	1920-21.
	Bushels.	Bushels.	Bushels.	Bushels.
SOUTHERN HEMISPHERE				
Argentina ..... *	174,502	240,144	258,690	230,423
Chile ..... *	1,390	1,702..	1,702	1,805
Uruguay	6,027	6,574	2,784	.....
Union of South Africa . *	26,498	41,422	43,916	43,320
Australia	10,264	6,913	6,764	.....
New Zealand ..... *	493	415	406	439
Total	202,883	283,683	304,714	275,987

(Source: Official Estimates unless otherwise stated).

a. Five-year average except where statistics were unavailable.
b. Old boundaries.
c. Bohemia, Silesia and Moravia.
d. Former Kingdom, Bessarabia and Bukowina.
e. Former Kingdom, and Bessarabia.
f. Winchester bushels.
* Designates countries included in totals.

AVERAGE YIELD OF CORN PER ACRE IN UNDERMENTIONED COUNTRIES, 1890-1921.

Year.	United States.	Russia (European) a	Italy	Austria	Hungary (proper)	France.	Argentina.
	Bushels	Bushels.	Bushels	Bushels	Bushels	Bushels	Bushels.
Average:							
1890-1899	24.5	13.6	15.3	19.5	23.0	19.1	.....
1900-1909	25.8	13.9	21.4	18.9	22.2	18.9	26.6
1910-1919	26.2	b 16.7	24.7	21.	c 28.	17.8	19.2
1919	29.0	.....	23.1	20.3	.....	15.9	24.5
1920	31.8	.....	24.1	20.8	24.9	13.6	31.6
1921	29.7	.....	.....	.....	13.9	17.2	28.5

a. Excludes Poland.
b. 7 year average.
c. 6 year average.

CONSUMPTION OF CORN IN SELECTED COUNTRIES FOR THE FIVE-YEAR AVERAGES. 1909-13 AND 1914-18.

(Including Flour Converted to Grain).

Country.	1909-1913. Total.	1909-1913. Per Capita.	1914-1918. Total.	1914-1918. Per Capita.
	1000 bushels.	Bushels.	1000 bushels.	Bushels.
Austria Hungary	231,675	4.47	.....	.....
Belgium	17,267	2.30	.....	.....
France	42,035	1.06	28,357	0.75
Germany	31,957	.49	.....	.....
India (British)	87,240	.36	89,146	.36
Italy	114,852	3.31	101,011	2.77
Japan	a 3,391	.07	3,930	.07
Netherlands	21,735	3.60	17,445	2.69
United Kingdom	80,602	1.78	58,287	1.34
United States b	2,669,048	28.50	2,719,378	26.99

a. Two-year average 1912-1913.
b. Includes insular possessions.

WORLD PRODUCTION OF CORN SO FAR AS REPORTED, 1895-1921.

Year.	Production.	Year.	Production.
	Bushels		Bushels.
1895	2,834,750,000	1909	3,563,226,000
1896	2,964,435,000	1910	4,031,630,000
1897	2,537,206,000	1911	3,481,007,000
1898	2,682,619,000	1912	4,371,888,000
1899	2,724,100,000	1913	3,587,429,000
1900	2,792,561,000	1914	3,777,913,000
1901	2,366,883,000	1915	4,231,780,000
1902	3,187,311,000	1916	3,309,818,000
1903	3,066,506,000	1917	3,540,863,000
1904	3,109,252,000	1918	3,129,473,000
1905	3,461,181,000	1919	3,649,835,000
1906	3,963,645,000	1920	4,144,820,000
1907	3,420,321,000	1921	3,709,432,000
1908	3,606,931,000		

CROPS IN EUROPE IN COMPARABLE AREAS EXCLUDING RUSSIA 1909-13 AVERAGE, AND 1920-1921.

	Area.			Production.		
	1909-13 average.	1920.	1921.	1909-13 average.	1920.	1921.
	1000 Acres	1000 Acres	1000 Acres	1000 Short Tons.	1000 Short Tons.	1000 Short Tons.
Europe:						
Wheat a	68,808	59,604	62,116	38,885	29,269	36,019
Rye b	38,757	32,078	33,497	25,191	14,650	20,257
Corn c	24,657	19,949	19,500	15,583	11,427	9,891
Barley d ...	24,299	23,349	22,682	15,572	12,896	12,932
Oats e	45,133	40,034	40,445	27,797	22,887	22,562
Potatoes ...	24,104	21,682	23,161	120,917	95,976	86,407

a. Excluding Portugal.
b. " " and United Kingdom.
c. " " and Switzerland.
d. " Greece and Switzerland.
e. " Greece.

NUMBER OF CATTLE, SWINE AND SHEEP IN EUROPE BEFORE AND AFTER THE WAR EXCLUDING RUSSIA AND FORMER RUSSIAN POLAND.

Live Stock.	Before the War.	Recent Estimate.
Cattle	93,612,000	84,758,000
Swine	65,653,000	49,848,000
Sheep	107,848,000	106,567,000

CENSUS OF LIVE STOCK IN THE DUTCH EAST INDIES DECEMBER 31, 1918 AND 1919.

Kind.	Java and Madura.		Outer Possessions.	
	Dec. 31, 1918	Dec. 31, 1919	Dec. 31, 1918	Dec. 31, 1919.
Cattle	3,040,000	3,699,000	824,000	641,000
Water Buffaloes	2,179,000	2,128,000	1,095,000	959,000
Horses	270,000	296,000	379,000	307,000
Swine	.....	66,000	.....	600,000
Goats	.....	2,268,000	.....	309,000
Sheep	.....	739,000	.....	114,000

(Source: Commerce Reports and Official Government Sources.)

NUMBER OF PRINCIPAL LIVE STOCK IN THE COMMONWEALTH OF AUSTRALIA 1913, 1919 AND 1920.

Year.	Cattle.	Swine.	Sheep.	Horses.
December 31				
1913	11,484,000	801,000	85,057,000	2,522,000
1919	12,711,000	696,000	75,554,000	2,421,000
1920	13,373,000	754,000	77,900,000	2,414,000

(Source: Quarterly Abstract of Australian Statistics, December 1921).

NUMBER OF SHEEP AND PRODUCTION OF WOOL IN CANADA, 1921.

Province	Sheep	Sheep's Wool	Lambs	Lambs' Wool	Total Wool
	1000 Number	1000 Pounds	1000 Number	1000 Pounds	1000 Pounds
Prince Edward Is.	76	528	56	226	753
Nova Scotia	185	1,298	139	555	1,854
New Brunswick ...	136	949	101	406	1,354
Quebec	576	4,030	431	1,723	5,754
Ontario	619	4,332	463	1,852	6,184
Manitoba	88	613	44	175	788
Saskatchewan	125	878	63	251	1,128
Alberta	349	2,445	174	697	3,142
British Columbia.	29	206	22	88	294
Total	2,183	15,279	1,493	5,973	21,251

(Source: Dominion Bureau of Statistics).

Sheep, Production of Wool, Value, 1915-1921.

Year	Sheep and lambs	Production of wool	Average price per pound a	Value a
	Number	Pounds	Cents	Dollars
1915	2,039,000	12,000,000	28	3,360,000
1916	2,025,000	12,000,000	37	4,440,000
1917	2,369,000	12,000,000	59	7,000,000
1918	3,053,000	20,000,000	60	12,000,000
1919	3,422,000	20,000,000	60	12,000,000
1920	3,721,000	24,000,000	22	5,280,000
1921	3,676,000	21,251,000	14	2,975,000

(Source: Dominion Bureau of Statistics).

a. Canadian Currency.

ESTIMATED MEAT SUPPLY OF THE UNITED KINGDOM 1900-1921.

(In Thousands of Tons)

Years (ended 31st May)	Beef and Veal			Mutton and Lamb			Pig Meat		
	Home	Foreign	Total	Home	Foreign	Total	Home	Foreign	Total
1900-1	669	416	1085	312	194	506	279	424	703
1901-2	697	400	1097	321	185	506	240	422	662
1902-3	665	361	1026	306	204	510	250	350	600
1903-4	639	433	1072	309	198	507	297	368	665
1904-5	669	440	1109	297	196	493	325	375	700
1905-6	689	491	1180	296	200	496	258	375	633
1906-7	715	465	1180	285	223	508	242	359	601
1907-8	694	448	1142	282	222	504	289	383	672
1908-9	764	408	1172	306	251	557	436	349	785
1909-10	756	426	1182	334	238	572	376	278	654
1910-11	728	468	1196	327	303	630	371	273	644
1911-12	766	449	1215	340	256	596	450	322	772
1912-13	770	477	1247	321	260	581	408	287	695
1913-14	726	533	1259	281	288	569	332	334	666
1914-15	837	492	1329	283	238	521	405	367	772
1915-16	749	451	1200	282	207	489	395	450	845
1916-17	823	415	1238	304	170	474	350	446	796
1917-18	721	474	1195	281	112	393	205	447	652
1918-19	620	460	1080	209	129	338	175	524	699
1919-20	720	450	1170	240	300	540	240	410	650
1920-21	653	556	1210	108	312	520	303	327	630

LIVESTOCK IN ESTHONIA.

Year	Cows	Horses	Sheep	Pigs
1916	518,947	178,447	622,227	304,288
1919	406,569	164,980	419,909	150,072
1920	442,568	164,502	530,291	260,693

(Source: "Agricultural Conditions in Esthonia". American Consul, Reval, Esthonia).

WOOL (AS IN THE GREASE) PRODUCED IN THE COMMONWEALTH OF AUSTRALIA, 1913-14 TO 1921-22.

Season ended June 30	Pounds	Season ended June 30	Pounds
1914	711,134,000	1919	657,912,000
1915	642,735,000	1920	663,249,000
1916	550,579,000	1921 (estimate).	557,282,000
1917	547,633,000	1922 (estimate).	626,909,000
1918	573,693,000		

The figures in this table have been supplied by the Government Statisticians of each of the several States. An evident shortage has occurred in their collection the gross results being considerably below the appraisement figures of the Central Wool Committee, as will be seen from the following table:

Wool Appraised Under the Control of the Central Wool Committee 1917-18 to 1919-20.

Season ended June 30	Pounds
1918	664,293,000
1919	704,760,000
1920	725,208,000

(Source: Quarterly Abstract of Australian Statistics).

PRODUCTION OF OLIVE OIL IN THE MEDITERRANEAN COUNTRIES.

Country	1920-21	1921-22	Normal Yield
	Short Tons	Short Tons	Short Tons
Portugal	39,000	22,000	28,000
Spain	358,000	248,000	358,000
France	11,000	22,000	17,000
Italy	231,000	121,000	248,000
Greece a	165,000	44,000	55,000
Turkey in Asia	.....	.....	110,000
Tunis	77,000	55,000	83,000
Algeria	17,000	17,000)	
Morocco	13,000	7,000)	22,000
Other	89,000	26,000)	
Total	1,000,000	562,000	921,000

(Source: London Grain, Seed, and Oil Reporter).

a. Post-war territory.

PRODUCTION OF VEGETABLE OILS IN THE UNITED KINGDOM 1919-1921. a.

Vegetable Oil	1919	1920	1921
	Short Tons	Short Tons	Short Tons
Linseed Oil	194,000	140,000	173,000
Cotton Oil	87,000	84,000	70,000
Rape Oil	29,000	10,000	11,000
Castor Oil	7,000	5,000	6,000
Other Seed Oils	4,000	9,000	12,000
Palm Kernel Oils	155,000	144,000	112,000
Peanut Oil	48,000	55,000	38,000
Colonial Oil	46,000	28,000	25,000
Other Nut Oil	7,000	2,000	1,000

(Source: The Economist, London).

a. Estimated production, based upon the net imports of raw material.

IMPORTS OF GRAINS, MEATS AND COTTON INTO THE UNITED KINGDOM FROM ALL COUNTRIES AND THE UNITED STATES FOR FEBRUARY 1921 AND 1922 AND ACCUMULATIONS FOR 1921 AND 1922.

COMMODITY	UNIT	FEBRUARY 1921	FEBRUARY 1922	2 MONTHS ENDED FEBRUARY 1921	2 MONTHS ENDED FEBRUARY 1922
Wheat, Total	Bus.	5,638,000	8,151,000	12,620,000	17,483,000
From the U.S.	"	2,762,000	4,777,000	6,090,000	10,306,000
Wheat Flour, Total	Bbls.	569,000	407,000	1,059,000	928,000
From the U.S.	"	177,000	139,000	295,000	329,000
Corn, Total	Bus.	4,559,000	4,306,000	8,342,000	8,743,000
From the U.S.	"	1,992,000	2,741,000	2,364,000	5,112,000
Barley, Total	"	1,985,000	1,330,000	4,292,000	2,523,000
From the U.S.	"	1,509,000	770,000	3,173,000	1,448,000
Oats, Total	"	1,387,000	1,146,000	3,335,000	3,249,000
From the U.S.	"	291,000	217,000	476,000	594,000
Bacon, Total	Lbs.	49,671,000	46,881,000	101,279,000	95,466,000
From the U.S.	"	21,578,000	23,624,000	37,363,000	46,176,000
Hams, Total	"	3,815,000	13,753,000	6,479,000	22,850,000
From the U.S.	"	3,617,000	12,833,000	5,995,000	20,861,000
Lard, Total	"	19,004,000	20,745,000	39,240,000	43,532,000
From the U.S.	"	16,027,000	20,115,000	31,006,000	42,477,000
Cotton, Total	500-lb.	197,000	199,000	461,000	467,000
From the U.S.	bales	149,000	115,000	354,000	282,000

(Source: The British Government's Monthly Accounts Relating to Trade and Navigation.

CORN.

International Trade of Corn, Including Meal, for the Calendar Years, 1918, 1919, 1920 and the average 1909-1913. a.

Country	Average 1909-1913		1918		1919		1920	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
PRINCIPAL EXPORTING COUNTRIES:								
Argentina	2	115,749	(b)	26,171	1	97,851	.....	.....
British South Africa	257	4,115	56	13,507	184	13,582	637	5,149
Bulgaria	44	9,307	.....	.....	.....	.....	.....	4,185
Rumania	176	38,966	.....	.....	596	26	.....	16,943
Russia	335	30,034	.....	.....	.....	.....	.....	.....
United States	1,226	45,054	1,990	47,059	11,213	16,002	7,744	21,230
Uraguay	5	201	178	6	.....	.....	.....	.....
PRINCIPAL IMPORTING COUNTRIES:								
Austria-Hungary	13,877	268	.....	.....	.....	.....	.....	c 38
Belgium	25,801	8,130	.....	.....	1,483	675	4,882	2,327
Canada	10,629	25	11,757	48	6,459	229	10,793	113
Cuba	2,746	(b)	1,672	.....	2,308	.....	.....	.....
Denmark	11,440	6	105	.....	7,781	1	9,911	111
Egypt	471	61	5	48	8	3	950	(b)
France	18,708	82	6,746	12	6,921	61	17,609	858
Germany	32,160	1	.....	.....	.....	.....	16,099	(b)
Italy	14,895	206	10,856	(b)	8,232	(b)	12,599	4
Mexico	4,404	82	3,039	.....	.....	.....	.....	.....
Netherlands	29,580	8,750	346	.....	9,635	38	15,566	37
Norway	1,079	.....	2,531	.....	2,814	.....	2,574	.....
Portugal	1,674	5	.....	.....	1,409	.....	.....	.....
Spain	9,775	44	383	68	2,509	483	7,719	188
Sweden	1,476	26	1,374	.....	3,199	.....	.....	.....
Switzerland	3,987	1	652	.....	5,274	.....	963	(b)
United Kingdom	82,976	96	32,275	3	38,987	.....	71,114	.....
Other Countries	3,268	9,817	1,027	5,198	871	3,080	2,305	5,319
Total	270,991	271,026	74,994	92,120	109,884	132,031	181,465	56,502

(Source: Compiled from Official sources).

a. Does not include statistics of trade for Austria-Hungary, Belgium, and Germany during the war period, 1914-1918. Therefore the total trade statistics of imports and exports for all countries are not strictly comparable during that period.

b. Less than 500.

c. Austria only, new boundaries.

Foreign Crops and Markets.

THE AGRICULTURAL INDEX NUMBER IN GREAT BRITAIN.

The average of the market prices of all descriptions of agricultural produce during February showed a slight rise as compared with the previous month, this being the first break that has occurred in the downward movement of prices since August, 1921. Prices in February were on the whole 83 per cent. in advance of the average of the three years 1911-13, as against an increase of 77 per cent. in January.

The following table shows the percentage increase compared with the pre-war years during each month from 1919 up to the present:-

Month	Percentage increase.			
	1919	1920	1921	1922
	Per Cent.	Per Cent	Per Cent	Per Cent
January	148	213	186	77
February	150	205	172	83
March	150	199	158	....
April	153	199	141	....
May	132	169	112	....
June	128	164	102	....
July	141	174	100	....
August	138	177	116	....
September	148	181	105	....
October	166	191	90	....
November	182	197	84	....
December	207	194	82	....
Year	158	192	119	....

(Source: Agricultural Market Report).

FRANCE.

Daily Wages of Agricultural Laborers in French Departments, 1915 and 1920.

Department	1915		1920	
	Francs	Dollars	Francs	Dollars
Allier	3.55	.69	10.00	1.29
Ardeche	3.00	.58	9.00	1.16
Charente	3.00	.58	10.00	1.29
Cher	4.45	.86	10.30	1.33
Correze	3.75	.72	14.00	1.80
Dordogne	4.00	.77	8.00	1.03
Eure-et-Loir	4.00	.77	8.00	1.03
Finistere	2.25	.43	8.00	1.03
Herault	4.00	.77	12.00	1.54
Ille-et-Vilaine	3.75	.72	10.50	1.35
Indre	4.00	.77	13.00	1.67
Lozere	3.00	.58	11.00	1.42
Oise	4.00	.77	10.00	1.29
Saone-et-Loire	3.50	.68	10.00	1.29
Seine-et-Marne	4.50	.87	15.00	1.93
Somme	3.25	.63	11.65	1.50

(Source: Monthly Labor Review).

Rate used is that prevailing on June 1, 1920 ($.1287) and par value for 1915.

AGRICULTURAL WAGES IN FRANCE IN 1921.

Agricultural wages since 1915 have been fixed by the prefects of the different Departments with the advice of a mixed commission, and after inquiry among employer's and worker's organizations, the agricultural department, etc. The daily wages without board, of agricultural workers in 1921 ranged in the different Departments between a minimum of 10 francs ($.85) and a maximum of 24 francs ($2.03), the average for the country being 14.25 francs ($1.21). As the average for 1911 was 3.35 francs ($.65), the wages of these workers have increased 325 per cent in the 10-year period, which is somewhat less than the increased of industrial workers.

(Source: Monthly Labor Review).

Rate of exchange = ($.0847) June 1, 1921.

WAGE RATES, HOURS OF LABOR, ETC., FIXED BY COLLECTIVE AGREEMENTS IN FRANCE AND THE COLONIES, JANUARY TO OCTOBER, 1920.

Industry group and locality	Hours of labor per day	Rate of Wages per hour: Male: Franc	Male: Dollar	Female: Franc	Female: Dollars	Other conditions of the agreement
Agriculture						
Armissan	a 6,7,8	2.00	.33	1.00	.17	
Boutenac	b	c12.00	2.00	c 6.00	1.00	Men receive 2 liter of wine and women 1 liter.
Ferrals and Fabrezan	7	c12.00	2.00	....	....	Payments in kind
Laure	7	1.50	.25	.75	.12	Cost-of-living bonus
Sijean	7	c12.00	2.00	c 6.00	1.00	Payments in kind
Montpellier	8	2.00	.33	....	....	do
Epernay	d	0.50-	.08-	0.50-	.08-	do
		1.75	.29	1.20	.20	
Provins	a 9,10	c14.00-	2.34-	....	....	Board and Lodging
		e17.00	2.84			included
Saint-Marcel	7	2.00	.33	1.15	.19	Payments in kind
Saint-Nazaire	7	c11.00	1.84	c 6.50	1.09	do
Aigues-Vives	7	2.00	.33	1.00	.17	
Lunel	d 7,8	2.00	.33	1.00	.17	
Lunel-Viel	b	2.00	.33	1.00	.17	
Marsillargues	h	2.00	.33	1.00	.17	do

(Source: Monthly Labor Review).

a. According to season.
b. Not reported.
c. Daily rate.
d. Work by the job.
e. Minimum daily wages, harvest, 25 francs.
Rate of exchange May 1, 1920 ($.167).

PRICES OF WHEAT, CORN, BACON AND LARD IN GREAT BRITAIN ON FEBRUARY 25, 1921 AND 1922.

The English Currency has been converted to United States Currency According to the rate of exchange prevailing February 25, 1921 and 1922.

Commodity and Grades	1921				1922			
	Shillings and pence per unit of measure		Cents per unit of measure		Shillings and pence per unit of measure		Cents per unit of measure	
	Low	High	Low	High	Low	High	Low	High
	Quarters of 504 Pounds		Bushels of 60 Pounds		Quarters of 504 Pounds		Bushels of 60 Pounds	
Wheat:								
English	60/0	95/0	138.1	218.7	53/0	58/0	139.3	152.5
Australian	.....	.....	.....	.....	60/6	61/0	159.1	160.4
Foreign	80/0	.....	184.2	.....	62/6	69/0	164.3	181.4
	Quarters of 480 Pounds		Bushels of 56 Pounds		Quarters of 480 Pounds		Bushels of 56 Pounds	
Corn:								
Argentine	57/6	.....	129.8	.....	43/6	44/0	112.1	113/4
American	47/0	53/0	106.1	119.6	36/0	38/0	92.7	97.9
Rumania	55/0	56/0	124.1	126.4	....	....	.....	.....
South African	53/0	54/0	119.6	121.9	39/0	42/0	100.5	108.2
	Cwt. of 112 Pounds		Pounds		Cwt. of 112 Pounds		Pounds	
Bacon:								
Irish (ex-factory):								
Sixes	210/0	215/0	36.2	37.1	150/0	151/0	29.5	29.8
Extra heavy	200/0	.....	34.5	....	132/0	.....	26.0	....
Danish:								
No. 1 sizeable	213/0	.....	36.7	....	150/0	.....	29.5	....
Seconds	213/0	.....	36.7	....	140/0	142/0	27.6	28.0
Swedish:								
No. 1 sizeable	204.0	.....	35.2	.....	140/0	150/0	27.6	29.6
Seconds	204/0	.....	35.2	.....	140/0	.....	27.6	.....
Dutch:								
No. 1 sizeable	202/0	206/0	34.8	35.6	128/0	133/0	25.2	26.2
Seconds	202/0	204/0	34.8	35.2	.....	.....	....	....
Canadian.								
Leanest	170/0	.....	29.3	....	135/0	.....	26.6	....
Lean	170/0	.....	29.3	....	132/0	135/0	26.0	26.6
Stout & heavy	165/0	.....	28.4	....	125/0	132/0	24.6	26.0
Seconds	150/0	160/0	25.9	27.6	125/0	.....	24.6	....

Prices of Wheat, Corn, Bacon and Lard in Great Britain on February 25, 1921 and 1922, - Cont'd.

Commodity and Grades	1921				1922			
	Shillings and pence per unit of measure		Cents per unit of measure		Shillings and pence per unit of measure		Cents per unit of measure	
	Low	High	Low	High	Low	High	Low	High
	Cwt. of 112 Pounds		Pounds		Cwt. of 112 Pounds		Pounds	
American:								
Leanest	130/0	136/6	22.4	23.5	120/0	125/0	23.7	24.6
Lean	130/0	136/6	22.4	23.5	120/0	123/0	23.7	24.2
Stout	130/0	136/6	22.4	23.5	.....	.....	....	....
Seconds	130/0	136/6	22.4	23.5	107/0	118/0	21.1	23.3
Seconds (Bellies)	195/0	.....	33.6	....	85/0	95/0	16.7	18.7
Lard:								
Irish, bladders	112/0	130/0	19.3	22.4	70/0	80/0	13.8	15.7
" boxes	112/0	130/0	19.3	22.4	64/0	67/0	12.6	13.2
Danish	110/0	134/0	19.0	23.1	70/0	....	13.8	.....
U. S. Pails	138/0	.....	23.8	....	75/3	76/3	14.8	15.0
U. S. Boxes	138/0	.....	23.8	....	71/9	72/9	14.1	14.3
U. S. Tierces	.....	.....	....	....	72.3	....	14.2	....
Dutch	.....	.....	....	....	69/0	....	13.6	....

(Source: London Grocer).

SPECIAL REPORTS ON FOREIGN CROPS AND MARKETS

The following are some of the principal reports on foreign agricultural crops and markets received during the week in the Research and Foreign Statistics Section from American Consular Officers and Agricultural Commissioners in foreign countries. This list of reports is by no means complete and is published primarily with a view to showing the variety and character of information received from foreign countries. Some of the reports will be made the basis for published articles in "Weather, Crops, and Markets" and also in "Foreign Crops and Markets." The reports are also used in connection with answering inquiries on special subjects. As a general rule no extra copies of these reports are available for distribution, but in special cases copies will be supplied upon request.

1. Dairying in South Africa, No. 52374, American Consul General at Cape Town, South Africa.

2. Annual Report of Agricultural Conditions in Egypt During 1921, No. 52182, American Consul at Alexandria, Egypt.

3. Canadian Milling Industry, No. 45489, American Vice Consul, Quebec, Canada.

4. Argentine Beef in Foreign Markets, No. 49113, American Consul General at Buenos Aires, Argentina.

5. Excerpt from "Monthly Survey of Economic Conditions in China" for January, 1922, No. 53090, American Economist Consul at Shangnai, China.

CORRECTION:

In the April 5 issue of FOREIGN CROPS AND MARKETS, Vol. IV, No. 9, on page 94, the number of cows in Germany should be 9,092,000. The total for all cattle is correct as it stands. The slight discrepancy in the number of cows occurred in rounding the figures to thousands.

Inquiries regarding FOREIGN CROPS AND MARKETS should be addressed to the Research and Foreign Statistics Section, Bureau of Markets and Crop Estimates, Washington, D. C.

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C.

VOL. IV. April 26, 1922. NO. 12

Contents

SUMMARY OF THE CONTENTS OF THIS NUMBER.

The summary of foreign crop prospects on pages 153 to 155 states that the area sown to winter wheat for the countries for which data are available (Belgium, Bulgaria, Spain, Finland, France, Latvia, Poland, Rumania, Czechoslovakia, Canada, United States, British India, Algeria and Tunis) is about 107,000,000 acres or 1.3% more than last year. The area sown to rye (Belgium, Bulgaria, Spain, Finland, France, Latvia, Poland, Rumania, Czechoslovakia, and the United States) is about 25,000,000 acres, or an increase of 12.1% over last year.

The area and production of crops in Bulgaria for 1921 compares quite favorably with pre-war figures as shown in the table on page 156. On page 157 is given the area sown to winter and spring crops in Egypt for 1920 and 1921. On page 158 may be found the exports of cotton from Egypt and the countries of destination.

SUMMARY OF THE CONTENTS OF THIS NUMBER - (CONTINUED).

Great Britain is by far the largest purchaser of Egyptian cotton, the United States ranks second, and France third.

On pages 159 to 162 may be found the area and production of barley in all principal countries for the last three years and the pre-war average. The consumption, average yield, world production and international trade of barley may be found on pages 162 to 164.

On page 165 is given a table showing the production of sugar in Czechoslovakia for the last three years and also a table showing sugar exports and countries of destination.

The number of cattle in New Zealand for 1921 as shown on page 167 is given as 3,139,000 compared with 2,020,000 in 1911. The number of sheep shows a slight decrease being 23,285,000 in 1921 compared with 23,996,000 in 1911. Dairy products in Denmark have decreased somewhat since the war, the production of butter being 198,414,000 pounds in 1920 compared with 253,529,000 pounds in 1914.

A resume of the reclamation of the devastated farming sections in France is given on page 169 showing how rapid progress is being made, as 7,167,000 acres out of 8,246,000 acres of devastated land had been reclaimed by January 1, 1922.

On pages 170 and 171 are shown the prices of wheat, corn, bacon, and lard in Great Britain on March 11, 1921 and 1922. On pages 172 and 173 may be found a statement of agricultural wages in Germany and Japan.

SUMMARY OF FOREIGN CROPS PROSPECTS.

WHEAT

The thrashing of the Argentine wheat crop was completed under favorable conditions and the crop is generally of very good quality. It is expected that the yield will considerably exceed the early official estimate of 154,873,000 bushels or 91.2% of the crop of 1920-21 and 90.6% of the average of the five years 1915-16 to 1919-20.

YIELD IN ARGENTINA ABOVE EARLIER EXPECTATIONS

SUMMARY OF FOREIGN CROP PROSPECTS.

Wheat,- Continued.

Recent reports indicate that the yield in Australia will not equal early estimates especially in New South Wales. The early official estimate places the production at 134,184,000 bushels which is 6.8% below 1920-21 but 14.6% above the five-year average. Rain is greatly needed to facilitate plowing for the next crop.

YIELD IN AUSTRALIA BELOW EARLY ESTIMATES

The outlook for the crop in general continues favorable in British India. Some damage from excessive heat is reported in Bihar and Orissa and the drought may curtail the yield somewhat in the Punjab. Harvesting has already commenced and the quality of the grain is generally reported as good. No estimate of the production is yet available. The latest estimate of the area as stated in the Supplementary Memorandum of February 15, Department of Statistics, is given as 28,012,000 acres compared with 23,352,000 for the same date for 1920-21. The final revised acreage for 1920-21 was 25,722,000 acres and that of the five-year average 1915-16 to 1919-20, was 30,499,000 acres.

HARVESTING IN PROGRESS, QUALITY OF GRAIN GOOD IN BRITISH INDIA

The total sowings of winter wheat for 1921-22 for the countries for which data are available (Belgium, Bulgaria, Spain, Finland, France, Latvia, Poland, Rumania, Czechoslovakia, Canada, United States, British India, Algeria and Tunis) aggregate 107,000,000 acres or 1.3% more than last year.

AREA OF WINTER WHEAT SHOWS 1.3% INCREASE

The winter wheat crop is growing well and prospects are favorable in the United Kingdom. The usual small acreage of spring wheat is being sown. Heavy frosts and excessive rains have caused some damage to fall wheat in Denmark and Germany and delayed spring seeding. The condition of winter wheat in France is 59 (80 signifies good and 60 fairly good) compared with 71 for the same date last year. Seeding occurred under average conditions in Spain but more rain is needed to promote good growth. The condition in Austria is slightly above average. Reports of the condition in Yugoslavia, Czechoslovakia and Italy are quite favorable; recent rains have benefited the fall-sown grain and facilitated seeding of the spring crops.

SPRING SEEDING IN PROGRESS IN WESTERN AND CENTRAL EUROPE

Favorable weather is reported in Rumania and spring seeding is progressing favorably. Mild weather is reported in Poland and it is expected the area sown to winter bread grains will be increased to some extent by spring seedings. The condition of the crop is reported as satisfactory in Latvia. The crop shows much improvement in Algeria but rain is badly needed in Tunis.

CONDITIONS IMPROVING IN WESTERN EUROPE. RAIN NEEDED IN TUNIS

RYE

AREA SHOWS 12.1% INCREASE OVER LAST YEAR

The area sown to rye for the countries for which data are available (Belgium, Bulgaria, Spain, Finland, France, Latvia, Poland, Rumania, Czechoslovakia, and the United States) is about 25,000,000 acres or an increase of 12.1% over last year. An increase in area is reported for Europe as a whole and also for the United States. The area in Rumania shows considerable decrease, being reported as 404,000 acres or 61.6% of 1920-21. The condition of the growing crop throughout Europe is generally good.

OATS

PRODUCTION IN ARGENTINA AND CHILE SHOWS DECREASE

The production of oats in Argentina for 1921-22 is reported as 31,719,000 bushels compared with 47,606,000 in 1920-21 and 53,371,000 for the five-year average 1915-16 to 1919-20. The production in Uruguay is given as 3,064,000 bushels compared with 1,986,000 for last year and 2,135,000 for the five-year average. The production in Chile is estimated at 2,118,000 bushels for 1921-22 compared with 2,715,000 for the previous year and 4,037,000 for the five-year average.

AREA IN SPAIN SHOWS DECREASE FOR 1922

The area sown for the 1922 crop in France and Tunis does not show much variation from previous years. In France it is reported as 1,737,000 acres compared with 1,849,000 for last year and 1,715,000 for the five-year average. The area in Spain shows some decrease, being 804,000 acres compared with 1,048,000 for the previous year and 1,270,000 the five-year average. The area in Tunis for 1922 is 136,000 acres compared with 148,000 in 1921 and 153,000 the five-year average.

CROPS IN CHINA, 1921.

The crops during 1921 were below the average, and in some parts practically a failure. Excessive rains during the Spring diminished the rice crop by about 50%. Tobacco for the same reason was 30% to 50% of normal, and sugar was reported as 50% of normal.

(Source: American Consul, Amoy, China).

AREA AND PRODUCTION OF CROPS IN BULGARIA, 1913, 1919, 1920, 1921.

(000 omitted)

Crop	Area				Production			
	1913	1919	1920 a	1921	1913	1919	1920 a	1921
	Acres	Acres	Acres	Acres	Bushels	Bushels	Bushels	Bushels
Wheat:								
Winter	2,446	2,019	2,128	2,361	43,215	29,354	29,415	42,510
Spring	22	38	55		287	421	583	
Rye:								
Winter	433	428	433	489	7,513	5,877	5,748	8,390
Spring	47	27	31		574	263	308	
Maslin:								
Winter	185	221	235	....	3,238	3,330	3,284	.....
Spring	2	2	2	....	24	23	20	.....
Barley:								
Winter	399	400	429		9,391	7,938	7,580	
Spring	123	84	126	551	2,095	1,322	1,871	13,241
Oats	378	284	345	407	8,704	5,791	7,004	11,272
Spelt	22	22	24	....	418	349	340	.....
Millet	19	33	32	....	341	518	408	.....
Corn	1,432	1,445	1,407	1,418	28,979	25,457	20,851	34,386
Beans:								
Planted alone	99	85	114	....	999	595	1,146	.....
With corn	63	85	86	....	206	207	363	.....
Vetches	244	120	181	....	5,862	3,233	3,841	.....
Potatoes	8	16	20	19	505	813	977	1,650
Flax:								
Seed	b	1	1	2	3	6	7	18
Fiber, pounds.					141	291	350	670
Hemp:								
Seed	8	6	10	10	71	57	94	135
Fiber, pounds.					2,662	3,520	3,627	4,550
					Pounds	Pounds	Pounds	Pounds
Rice (cleaned) ..	4	4	6	7	4,882	5,178	6,806	6,235
Tobacco	15	79	95	98	11,236	48,284	64,604	87,040
					c Bales	c Bales	c Bales	c Bales
Cotton	2	4	5	4	728	993	1,212	1,841
					Short-Tons	Short-Tons	Short-Tons	Short-Tons
Sugar beets	12	23	23	21	88	193	90	133

(Sources: Bulletin Statistique Mensuel, Bulgaria, Year 1921 - International Institute.)

a. Subject to revision.
b. Less than 500.
c. Bales of 478 pounds (000 not omitted).

AREA OF CROPS IN EGYPT (YEARS ENDING AUGUST 31, 1920, 1921).

Commodity	1920	1921
	Acres	Acres
Winter Crops		
Wheat	1,190,290	1,458,180
Beans	434,137	512,320
Onions	33,864	28,478
Lentils	72,642	81,343
Helba	93,292	82,157
Lupines	22,020	23,111
Chick Peas	5,892	6,287
Clover	1,407,713	1,513,602
Barley	340,232	373,519
Vetches	26,399	22,045
Quorom	4,825	3,844
Poppy	1	2,028
Flax	5,583	5,763
Summer Crops		
Maize	13,587	16,244
Millet	172,879	177,784
Rice	139,936	301,777
Arachides	14,816	13,900
Sesame	11,871	10,200
Cotton	1,897,329	1,340,969
Sugar Cane	53,475	16,423
Henna	1,815	925
Indigo	.....	26
Melons	35,755	34,040

(Source: American Consulate, Alexandria, Egypt).

CHINESE EGGS PUZZLE BRITISH CHEMISTS.

A certain type of Chinese bulk shelled-egg shipments is at present puzzling the official chemist of the English Ministry of Health, according to a report from the Specialist in Foreign Marketing of Livestock and Meats at London. Although these eggs are being shipped with the whites and yolks separated they do not grow stale. Chemists from the Ministry of Health and outside experts have not been able to discover the preserving ingredient.

EGYPT'S EXPORTS OF COTTON BY COUNTRIES, 1913, 1919 TO 1921.

(Bales of 478 lbs.)

Country of Destination	1913	1919	1920	1921
Austria	a 89,483	95	3,911	5,767
Belgium	5,098	2,162	2,643	4,189
Czechoslovakia	.....	1,983	2,955	9,398
France	135,916	122,709	84,432	85,735
Germany	137,751	4,075	15,882	54,635
Great Britain	620,803	775,167	361,290	452,293
Greece	400	1,692	1,249	1,818
Holland	5,019	2,042	802	2,167
Italy	55,077	67,644	34,733	34,411
Japan	37,169	40,571	11,699	44,465
Palestine	.....	.....	.....	877
Poland	.....	.....	6,580	814
Portugal	1,464	926	806	1,952
Spain	33,062	17,631	15,340	27,353
Switzerland	56,751	38,685	29,027	50,746
United States	139,495	313,539	262,762	210,926
Other	126,645	581	566	4,880
Total	1,444,134	1,389,501	828,756	992,427

(Source: American Consulate, Alexandria, Egypt.)

a. Includes Hungary.

BRITISH EXPORTS OF AMERICAN COTTON.

The exports of American cotton from Liverpool and the total from Great Britain for the last five seasons, according to the American Agricultural Commissioner at London, are as follows:

Season	Liverpool	Great Britain
	Bales	Bales
1916-17	77,721	77,721
1917-18	963	963
1918-19	10,956	10,956
1919-20	129,117	134,484
1920-21	195,614	196,960

AREA OF BARLEY IN UNDERMENTIONED COUNTRIES, 1909-1913, 1919, 1920, 1921.

(000 omitted)

Country	Average a 1909-1913	1919	1920	1921
NORTHERN HEMISPHERE	Acres	Acres	Acres	Acres
United States .....*	7,619	6,720	7,600	7,240
Canada .....*	1,683	2,646	2,552	2,795
Austria .....*	b 2,712	233	238	267
Belgium .....*	85	78	90	91
Bulgaria .....*	b 616	474	545	551
Czechoslovakia	....	899	1,711	1,583
Denmark .....*	591	586	626	628
Finland	.....	293	293	296
France .....*	b 1,866	1,502	1,641	1,653
Germany .....*	b 3,976	c 2,782	c 2,949	c 2,808
Greece	195	300	581	.....
Hungary	b 2,760	.....	1,266	1,187
Italy .....*	613	480	494	541
Yugoslavia	.....	.....	1,181	.....
Luxemburg .....*	3	6	5	5
Netherlands .....*	68	57	56	62
Norway .....*	89	156	156	156
Rumania .....*	b 1,319	d 1,943	3,385	3,280
Russia, proper	b 23,075	.....	.....	.....
Poland .....*	b 1,249	e 1,315	1,944	2,429
Serbia	b 242	e	.....	.....
Spain .....*	3,509	4,254	4,319	4,261
Sweden .....*	451	412	402	402
Switzerland	.....	19	18	16
United Kingdom .....*	1,844	1,871	2,048	1,782
British India	7,836	6,394	7,415	.....
Japan	3,183	2,893	2,987	.....
Formosa	5	.....	.....	.....
Chosen	343	.....	.....	.....
Russia, Asia	829	.....	.....	.....
Algeria .....*	3,353	2,640	2,795	2,508
Egypt .....*	394	357	340	374
Morocco	.....	1,523	2,341	1,905
Tunis .....*	1,145	1,106	927	1,230
Total	33,185	29,618	33,112	33,054

Foreign Crops and Markets

Area of Barley,- Cont'd.

(000 omitted).

Country	Average a 1908-09 - 1912-13	1918-19.	1919-20	1920-21
	Acres	Acres	Acres	Acres
SOUTHERN HEMISPHERE				
Argentina	268	.....	615	667
Chile	117	98	.....	139
Uruguay	4	.....	5	11
Union of South Africa ..	.....	55	99	91
Australia	137	255	267	.....
New Zealand	39	19	23	47

(Compiled from Official Sources).

*Designates countries included in totals.
a. Five-year average except where statistics were unavailable.
b. Old boundaries.
c. Summer barley.
d. Former Kingdom, Bessarabia and Bukowina.
e. Former Russian Poland, Western Galicia and Posen.

BARLEY,-CONT'D.

Production of Braley in Undermentioned Countries, 1909-1913, 1919, 1920, 1921.

(000 omitted)

Country	Average a. 1909-1913	1919	1920	1921
	Bushels	Bushels	Bushels	Bushels
NORTHERN HEMISPHERE				
United States .....*	181,881	147,608	189,332	151,181
Canada .....*	48,532	56,389	63,311	59,709
Mexico	6,666	.....	.....	.....
Austria .....*	b 71,988	3,822	4,392	5,201
Belgium .....*	4,247	3,617	4,350	3,939
Bulgaria .....*	b 12,425	10,371	13,926	13,241
Czechoslovakia	.....	c 21,568	37,238	47,364
Denmark .....*	22,589	24,523	24,707	27,328
Finland .....*	5,737	5,295	4,983	4,959
France .....*	b 46,285	26,285	38,382	37,804
Germany .....*	b 153,529	76,695	d 82,344	d 89,056

Foreign Crops and Markets

Production of Barley,-Continued.

(000 omitted.)

Country	Average a 1908-09-1912-13	1918-19	1919-20	1920-21
SOUTHERN HEMISPHERE	Bushels	Bushels	Bushels	Bushels
Australia	2,819	4,764	4,288	.....
New Zealand .....*	1,402	711	816	1,587
Total	7,341	5,746	5,542	8,109

(Compiled from Official Sources).

*Designates countries included in totals.
a. Five-year average except where statistics were unavailable.
b. Old boundaries.
c. Bohemia, Moravia and Silesia.
d. Summer crop.
e. Unofficial.
f. Former Kingdom, Bessaravia and Bukowina.
g. Former Russian Poland, Western Galicia and Posen.

CONSUMPTION OF BARLEY IN SELECTED COUNTRIES, FOR THE FIVE-YEAR AVERAGE 1909-1913, and 1914-1918. 1.

Country and Period	1909-1913 Total 1000 Bushels	1909-1913 Per Capita Bushels	1914-1918 Total 1000 Bushels	1914-1918 Per Capita Bushels
Austria Hungary	140,396	2.71	.....	.....
Belgium	19,303	2.57	.....	.....
France	52,552	1.33	43,796	1.16
Germany	302,601	4.60	.....	.....
British India 2	33,010	.14	136,325	.54
Italy	10,922	.31	11,179	.31
Japan	89,542	1.75	88,407	1.59
Netherlands	14,334	2.38	6,463	1.00
United Kingdom	112,820	2.50	87,044	2.00
United States 3	168,859	1.80	188,516	1.87

1. Includes malt converted to barley.
2. Two year average 1912-13.
3. Includes insular possessions.

AVERAGE YIELD OF BARLEY PER ACRE IN UNDERMENTIONED COUNTRIES, 1890-1921.

Year	United States	Russia (European)	Germany	Austria	Hungary Proper	France	United Kingdom a
	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels
Average:							
1890-1899 ...	23.4	13.3	29.4	21.1	....	a 22.6	39.8
1900-1909 ...	25.5	14.3	35.3	26.3	23.4	a 23.6	35.0
1910-1919 ...	25.1	b 15.6	33.2	26.3	c 25.2	a 23.1	33.6
1919	22.0	....	27.6	16.4	....	17.5	30.8
1920	24.9	....	27.9	18.5	17.8	23.4	32.2
1921	20.9	....	31.7	19.5	17.4	22.9	30.6

a. Winchester Bushels.
b. 7 year average.
c. 6 year average.

WORLD PRODUCTION OF BARLEY SO FAR AS REPORTED, 1895-1921.

Year	Production	Year	Production	Year	Production	Year	Production
	1,000 Bushels		1,000 Bushels		1,000 Bushels		1,000 Bushels
1895 ..	915,504	1902 ..	1,229,132	1909 ...	1,458,263	1916 ..	1,189,868
1896 ..	932,100	1903 ..	1,235,786	1910 ...	1,388,734	1917 ..	936,050
1897 ..	864,605	1904 ..	1,175,784	1911 ...	1,373,286	1918 ..	1,074,158
1898 ..	1,030,581	1905 ..	1,180,053	1912 ...	1,466,977	1919 ..	972,937
1899 ..	965,720	1906 ..	1,296,579	1913 ...	1,650,265	1920 ..	1,145,779
1900 ..	959,622	1907 ..	1,271,237	1914 ...	1,463,289	1921 ..	968,91[illegible]
1901 ..	1,072,195	1908 ..	1,274,897	1915	1,439,857		

BARLEY AND MALT.

International Trade of Barley and Malt, for the Calendar Years, 1918, 1919, 1920 and Average, 1911-1913.

Country	Average 1911-1913		1918		1919		1920	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
PRINCIPAL EXPORTING COUNTRIES:	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
Algeria	298	4,720	1	3,743	32	15,696	4,065	1,715
Argentina	1,310	917	885	218	1,123	1,871	.....	.....
Austria-Hungary	839	18,271	.....	.....	.....	.....	a 647	.....
British India	.....	17,129	.....	14,848	.....	598	.....	251
Bulgaria	26	1,700	.....	.....	.....	.....	.....	.....
Canada	166	6,670	8	4,556	75	13,172	204	9,954
Chile	155	631	b	1,450	.....	.....	.....	.....
China	61	660	23	97	42	684	.....	.....
Rumania	109	16,692	.....	.....	20	.....	.....	19,253
Russia	974	168,461	.....	.....	.....	.....	.....	.....
United States	.....	8,400	.....	19,620	.....	46,745	.....	21,718
PRINCIPAL IMPORTING COUNTRIES:								
Belgium	20,236	3,853	.....	.....	2,581	320	2,527	139
Brazil	978	.....	309	1	622	b	775	.....
British South Africa	351	2	34	20	73	87	346	3
Cuba	278	.....	273	.....	443	.....	.....	.....
Denmark	2,098	3,561	12	437	2,699	177	48	891
Egypt	889	38	1	b	107	.....	710	b
France	7,155	639	11,022	96	15,247	354	3,352	4,240
Finland	526	1	61	.....	.....	.....	71	.....
Germany	153,544	1,225	.....	.....	.....	.....	4,904	57
Italy	815	27	7,604	80	1,306	112	1,608	23
Netherlands	41,184	29,611	136	b	7,125	44	3,072	1,219
Norway	4,333	b	557	.....	782	.....	1,221	.....
Switzerland	4,440	1	616	2	1,370	b	1,386	1
United Kingdom	51,727	932	11,725	65	38,824	154	29,799	325
Other Countries	1,604	15,500	859	3,421	1,529	8,754	1,064	3,875
Total	294,096	299,841	34,126	48,654	74,000	88,768	55,809	63,664

(Compiled from Official Sources).

a. Austria only, New boundaries.

b. Less than 500.

SUGAR INDUSTRY IN CZECHOSLOVAKIA, 1918-19 TO 1921-22.

Statistics of the total sugar production in Czechoslovakia for the season of 1921-22 are not yet available but it has been stated that 3,830,492 short tons of sugar beets have been used and approximately 705,472 short tons of raw sugar produced.

Production for the years 1918 - 1921 is as follows:

Years	Beets used	Sugar produced
	Short Tons	Short Tons
1918-1919	4,586,016	687,554
1919-1920	3,777,004	559,325
1920-1921	4,630,035	790,614

Quantities of Sugar Exported from Czechoslovakia to Respective Foreign Countries during the Seasons 1919-20 and 1920-21.

Country	Quantity Exported		Country	Quantity Exported	
	1919-20	1920-21		1919-20	1920-21
	Short Tons	Short Tons		Short Tons	Short Tons
France	166,229	105,300	Hungary	6,735	1,613
Hamburg 1 ...	.....	93,131	Finland	.....	872
Austria	84,551	69,746	Turkey	691	448
Switzerland .	389	53,383	Bulgaria	11,196	428
England	2,437	37,566	Lithuania	.....	206
Germany	43,822	25,910	Lichtenstein .	.....	48
Rumania	3,524	23,476	Norway	19,394	.....
Italy	12,694	13,413	America	3,696	.....
Yugoslavia ..	11,111	18,770	Albania	30	.....
Poland	8,827	6,871	Denmark	25	.....
Danzig	.....	5,586			
Total for all Countries				375,351	456,767

(Source: American Consul, Prague, Czechoslovakia).

1. For shipment to other countries.

HOPS IN CZECHOSLOVAKIA, 1920, 1921.

Provinces and Districts.	Area.		Production.	
	1920.	1921.	1920.	1921.
	Acres.	Acres.	Pounds.	Pounds.
Bohemia:				
Saaz District a	16,573	17,290	8,819,000	4,960,000
Auscha "	4,446	4,446	2,866,000	1,323,000
Dauba "	185	210	143,000	99,000
Other "	.....	.....	12,000	4,000
Moravia:				
Trsice District	102	97	69,000	23,000
Other "	.....	.....	4,000	
Slovakia:				
Hlohovec District	4	15	6,000	8,000
Trnava "	3		.....	
Total	21,313	22,058	11,919,000	6,417,000

a. Unofficial. (Source: American Consul at Prague, Czechoslovakia.)

ONION SEED CROP, CANARY ISLANDS.

The weather for the last three months has been favorable to the growing onionseed crop. If there are no unfavorable developments during the next three or four critical months, a crop of at least average size or about 75,000 pounds, will be harvested.

(Source: American Consul at Teneriffe, Canary Islands).

AGRICULTURE IN URUGUAY.

According to a report from the Office of Agricultural Statistics, the census of 1916 shows the total area of the Republic to be 44,478,000 acres, 60% of which is devoted to stock-raising and less than 6% to agriculture. Wheat, oats, and flax are the principal crops and the areas planted in 1921-22 are, 741,000, 113,000 and 72,000 acres respectively.

The 1916 census gives the following figures for livestock: Cattle, 7,302,000; sheep, 11,473,000; mules and donkeys, 17,000; horses 567,000; pigs,

NUMBER OF LIVE STOCK IN NEW ZEALAND IN THE YEARS 1911, 1920 AND 1921.

Live Stock.	1911.	1920.	1921 (final).
Cattle	2,020,000	3,102,000	3,139,000
Swine	349,000	267,000	350,000
Sheep	23,996,000	23,920,000	23,285,000
Goats (Angora)	6,000	5,000	6,000
Horses	404,000	346,000	337,000
Mules and Asses	400	260	250

(Source: Monthly Abstract of Statistics, New Zealand.)

DAIRY PRODUCTS IN DENMARK, 1914 - 1920.

Year.	Production.		Exports.
	Milk.	Butter.	Butter.
	Short Tons.	Pounds.	Pounds.
1914	3,858,000	253,529,000	210,098,000
1915	3,527,000	242,506,000	223,987,000
1916	3,307,000	220,460,000	211,201,000
1917	3,086,000	187,391,000	135,583,000
1918	1,984,000	127,867,000	22,408,000
1919	2,094,000	134,481,000	80,688,000
1920	3,307,000	198,414,000	164,904,000

In 1919 and 1920 the United Kingdom was the largest importer of Danish butter, taking in 1919, 42% of the total exports and in 1920, 56% of the total. In 1918, 39% went to Germany.

(Source: Danish Foreign Office Journal).

MOHAIR PRODUCTION IN SOUTH AFRICA.

The following report was received from the American Consul at Port Elizabeth, South Africa, who obtained the figures from an important wool and mohair concern of that city.

The South African mohair clip for 1922 will be approximately as follows:

(A bale of mohair averages about 500 pounds.)

Summer firsts	6,500 bales.
Summer kids	2,500 "
Mixed hair and inferior first	4,500 "

It is too early for an accurate estimate of the winter clip, though the figures for the coming season are placed as follows:

Winter hair	6,000 Bales.
Winter kids	3,000 "
Basutos	6,000 "
Seconds and Outsortings	1,300 "

Partial figures for 1921, obtained from the same source last year, as follows:

Summer first	7,500 Bales.
Summer kids	1,250 "
Winter hair	4,500 "
Winter kids	1,750 "

(Source: American Consul, Port Elizabeth, South Africa).

WOOL IN PARAGUAY.

There are no estimates of the production of wool in Paraguay available. Some local wool is used in the manufacture of mattresses, pillows, etc.

The exports during the past six years have been as follows:

Year.	Production.	Year.	Production.
	Pounds.		Pounds.
1915	129,000	1918	125,000
1916	117,000	1919	154,000
1917	216,000	1920.....	102,000

(Source: American Consul, Asuncion, Paraguay.)

AGRICULTURE IN FRANCE.

One of the principal points of interest in French agriculture of today is the reclamation of fought-over soil. The area of the devastated regions, which includes ten of the richest agricultural departments of France, amounts to 8,246,000 acres of which 7,167,000 acres had been reclaimed by January 1, 1922. This area though being ready for cultivation is not actually productive as yet, due to the lack of buildings and machinery destroyed in war-time. The true injury to farmers however, was not as severe, as might be expected as many were enable to salvage much portable property, and these peasants followed the recession of the invading armies and at once started the work of reclamation, and throughout the war and for two years afterwards, they received record prices for their produce and thus were enabled to restart with new stock and up-to-date machinery. As a result, farming in this region is much more scientifically done than before the war. The younger men are especially interested in modern machinery and fertilizers and dealers report an active trade in all classes of American tools and implements.

The wheat crop of 1921 which equaled a pre-war yield was harvested from an acreage of about 3,000,000 acres less than the pre-war average. The rye figures show an increased average yield but the cultivation of rye is considered much less important than wheat which explains the decreased acreage. The French farmers cite a curtailment of rye cultivation as an evidence of agricultural progress as they are much opposed to sowing rye on land that is good enough to grow wheat. The minor crops all show a decrease from the pre-war acreage. The sugar beet industry still shows a shortage of about 2/3 the pre-war average production of beets. The area lies almost entirely in the invaded territory and many of the destroyed factories have not been rebuilt, for last year only 72 were in operation as compared with 213 before the war. The vineyards were but little affected by the war but through labor shortage the output of wine in 1915 was reduced to less than half the normal yield though now production has approached normal again. The problem of the industry now is to find a market.

The livestock industry is recuperating rapidly. Cattle are approaching pre-war numbers as is shown by comparing the total for 1920, 13,217,000 with 12,250,000 in 1918 and 14,500,000 a pre-war average. Sheep show a considerable decrease for in 1920, they numbered only 9,405,000 as against 16,000,000 at the outbreak of the war. In pre-war times 7,000,000 swine was a fair (10-year preceding war) average. This was cut to less than 4,000,000 by 1918 and in 1920, only 5,000,000 were reported.

(Source: Special Representative Department of Commerce. Berne, Switzerland).

WHOLESALE PRICES OF WHEAT, CORN, BACON AND LARD IN GREAT BRITAIN ON MARCH 11, 1921 AND 1922.

The English Currency has been converted to United States Currency according to the rate of exchange prevailing on March 11, 1921 and 1922.

Commodity and Grade	1921. Shilling and pence per unit of measure. Low.	1921. Shilling and pence per unit of measure. High.	1921. Cents per unit of measure. Low.	1921. Cents per unit of measure. High.	1922. Shilling and pence per unit of measure. Low.	1922. Shilling and pence per unit of measure. High.	1922. Cents per unit of measure. Low.	1922. Cents per unit of measure. High.
	Quarters of 504 Pounds.		Bushels of 60 Pounds.		Quarters of 504 Pounds.		Bushels of 60 Pounds.	
heat:								
English	60/0	95/0	139.5	220.8	58/0	61/0	150.3	158.1
Australian	....	....	.....	.....	62/0	64/6	160.7	167.1
Foreign	80/0	95/0	185.9	220.8	62/6	69/0	161.9	178.8
	Quarters of 480 Pounds.		Bushels of 56 Pounds.		Quarters of 480 Pounds.		Bushels of 56 Pounds.	
orn:								
Argentine	56/0	56/6	127.6	128.7	45/0	47/0	114.3	119.4
American	44/6	53/0	101.4	120.7	36/0	38/0	91.4	96.5
Rumanian	54/0	55/0	123.0	125.3	....	....	.....	.....
South African ..	53/0	54/0	120.7	123.0	42/0	43/0	106.7	109.2
	Cwt. of 112 Pounds		Pounds		Cwt. of 112 Pounds.		Pounds.	
acon:								
rish (ex-factory) .								
Sixes	210/0	215/0	36.6	37.5	135/0	136/0	26.2	26.4
Extra Heavy	200/0	.....	34.9	.....	126/0	.....	24.5	....
anish:								
No. 1 sizeable .	213/0	.....	37.1	.....	123/0	125/0	23.9	24.3
Seconds	213/0	.....	37.1	.....	112/0	115/0	21.8	22.3
edish:								
No. 1 sizeable .	207/0	.....	36.1	.....	110/0	115/0	21.3	22.3
Seconds	207/0	.....	36.1	.....	.....	.....	....	....
utch:								
No. 1 sizeable .	202/0	206/0	35.2	35.9	106/0	114/0	20.5	22.2
Seconds	202/0	204/0	35.2	35.6	.....	.....	....	....
nadian:								
Leanest	170/0	.....	29.6	.....	112/0	115/0	21.8	22.3
Lean	170/0	.....	29.6	....	110/0	115/0	21.4	22.3
Stout and Heavy	155/0	165/0	27.0	28.8	110/0	112/0	21.4	21.8
Seconds	150/0	160/0	26.1	27.9	105/0	.....	20.4	....

(Continued on next page).

WHOLESALE PRICES, OF WHEAT, CORN, BACON AND LARD IN GREAT BRITAIN ON MARCH 11, 1921 AND 1922. (Cont'd).

Commodity and Grade.	1921. Shilling and pence per unit of measure. Low.	1921. Shilling and pence per unit of measure. High.	1921. Cents per unit of measure. Low.	1921. Cents per unit of measure. High.	1922. Shilling and pence per unit of measure. Low.	1922. Shilling and pence per unit of measure. High.	1922. Cents per unit of measure. Low.	1922. Cents per unit of measure. High.
	Cwt. of 112 Pounds.		Pounds.		Cwt. of 112 Pounds.		Pounds.	
American Wiltshire Sides:								
Leanest	130/0	136/6	22.7	23.8	105/0	110/0	20.4	21.4
Lean	130/0	136/6	22.7	23.3	105/0	.....	20.4	....
Stout	130/0	136/6	22.7	23.8	.....	.....	....	....
Seconds	130/0	136/6	22.7	23.8	100/0	.....	19.4	....
Cumberland Cut	147/6	.....	25.7	....	.....	.....	....	....
Cumberland bellies (Eng. cut)	167/6	.....	29.2	....	85/0	90/0	16.5	17.5
Lard:								
Irish bladders	112/0	120/0	19.5	20.9	73/0	80/0	14.2	15.5
" boxes	112/0	.....	19.5	....	66/0	....	12.8	....
Danish	100/0	108/0	17.4	18.8	76/0	....	14.8	....
United States pails	94/0	.....	16.3	.....	74.3	....	14.4	....
United States boxes	94/0	.....	16.3	....	69/0	70/9	13.4	13.7
United States Tierces	....	....	....	....	70/3	....	13.6	....
Dutch	....	....	....	....	69/0	....	13/4	....

(Source: London Grocer and Oil Trade Review).

NITRATE IN CHILE.

The exports of nitrate from Chile during last year show a heavy decline, the shipments being only 1,213,000 short tons as compared with 3,031,000 tons in 1920. According to the American Commercial attache at Santiago there will be no change in the restricted nature of business until there are indications of an increase consumption of nitrate in Europe and America.

(Source: Chamber of Commerce Journal).

AGRICULTURAL WAGES IN GERMANY

Annual Earnings of Farm Workers, Including Estimated Value of Wages in Kind.

Districts	1913		1919		1920	
	Marks	Dollars	Marks	Dollars	Marks	Dollars
East Prussia	790	188.13	2005	34.39	2735	47.59
West Prussia	674	160.55	2465	42.89	5859	101.95
Pomarania	806	191.99	2450	42.63	3933	68.43
Bradenburg	1013	241.30	2795	48.63	5795	100.83
Silesia	668	159.12	1950	33.93	4458	77.57
Mecklenburg	1026	244.39	2350	40.89	5020	87.35
Schleswig-Holstein ...	892	212.47	2365	41.15	8087	140.71
Hanover	700	166.74	2375	41.32	4040	70.30
Province of Saxony ...	999	237.96	2400	41.76	4005	69.69
Free State of Saxony .	830	197.71	2350	40.89	4249	73.93
Thuringin	844	201.04	2050	35.67	3814	66.36

German Currency has been converted to United States Currency at the exchange rate prevailing on May 1, 1913, for 1913, and May 1, 1920 for 1919, and 1920.

(Source: Wages in the United States and foreign countries, prepared for the use of the Committee on Ways and Means, House of Representatives, 1921, 67th Congress, First Session.

PRODUCTION AND EXPORTS OF DANISH BACON SHOW INCREASE.

The tendency of the bacon industry in Denmark is to steadily increase its production, according to a report received from the Specialist in Foreign Marketing of Live Stock and Meats at London. The average weekly export of bacon from Denmark for the year 1921 was 1,630 tons. The average weekly exports for the first ten weeks of 1922 was 1,883 tons.

JAPAN, WAGE RATES PER DAY, 1920.

Hired men on farm - per day -	$1.25 - $1.50
Hired women on farms - per day -	.50 - 1.25
Teamsters - per day -	2.50

A. E. Bryan, Canadian Government trade commissioner to Japan, reports that owing to great advances in wages during the last two or three years, Japan is introducing labor saving machinery such as gasoline tractors, motor trucks, American agricultural implements and many other machines in the factories.

Regular farm workers are employed under contract at much lower rates. The Department of Agriculture and Commerce of Japan gives the yearly rates of contract labor.

Year	Men	Women
	Dollars	Dollars
1913	25.93	15.54
1917	29.70	17.47

(Source: Wages in the United States and Foreign Countries).

EXPORTS OF HORSES FROM THE UNITED STATES, BY COUNTRIES FOR CALENDAR YEAR 1921.

Countries	Quantity	Value	Countries	Quantity	Value
	Number	Dollars		Number	Dollars
Belgium	72	29,700	British West Indies	2	850
Denmark	2	400	Cuba	939	148,423
France	72	34,000	Virgin Islands of the U. S.	6	950
Germany	579	219,850	Dominican Republic	26	10,356
Italy	6	3,000	Brazil	1	1,000
Netherlands ...	172	78,725	Ecuador	2	1,500
Spain	548	95,675	British Guiana	4	3,350
England	346	181,525	Venezuela	8	6,300
Bermuda	381	59,322	China	1	1,000
Canada	3,785	574,962	Japan	22	21,200
Honduras	2	475	Philippine Islands	3	3,000
Panama	9	1,900	British South Africa	1	1,000
Mexico	10,330	583,825			
Newfoundland and Labrador.....	2	550	TOTAL	17,321	2,062,838

(Source: Bureau of Foreign and Domestic Commerce).

SPECIAL REPORTS ON FOREIGN CROPS AND MARKETS

The following are some of the principal reports on foreign agricultural crops and markets received during the week in the Foreign Section, Division of Research & Records from American Consular Officers and Agricultural Commissioners in foreign countries. This list of reports is by no means complete and is published primarily with a view to showing the variety and character of information received from foreign countries. Some of the reports will be made the basis for published articles in "Weather, Crops, and Markets" and also in "Foreign Crops and Markets." The reports are also used in connection with answering inquiries on special subjects. As a general rule no extra copies of these reports are available for distribution, but in special cases copies will be supplied upon request.

1. Sugar Industry in Czechoslovakia During the Season of 1921-22, No. 53979, American Consul at Prague.

2. The Sheep and Wool Industry of Paraguay, No. 53625, American Consul at Asuncion.

3. Report on the English Fresh Milk Situation by the American Agricultural Commissioner at London.

4. Information Regarding Grading and Marketing of Various Oriental Products at Amsterdam, No. 54466, American Consul at that station.

5. Report on the Evaporated and Condensed Milk Situation in England by the Specialist in Foreign Marketing, Livestock and Meats.

6. Edible Oil and Fat Trade in Holland, No. 49031, American Consul at Rotterdam, the Netherlands.

7. Economic Situation of the French Cotton Trade, No. 53368, American Consul at Paris.

8. Crop Reporting System of the Argentine Department of Agriculture by the American Agricultural Commissioner at Buenos Aires.

Inquiries regarding FOREIGN CROPS AND MARKETS should be addressed to the Foreign Section, Division of Research and Records, Bureau of Markets and Crop Estimates, Washington, D. C.

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. May 3, 1922. NO. 13

CONTENTS

SUMMARY OF THE CONTENTS OF THIS NUMBER.

The area and production of all crops in Chile for 1920-21 and the production where available for 1921-22 is shown on page 176. The production of 1921 for Sweden as shown on page 177 shows a small increase in comparison with 1920. The autumn sowing of wheat in Czechoslovakia in 1921, as shown on page 178, is 1,407,000 acres compared with 1,409,000 in 1920 and 1,410,000 in 1919. Rye also shows a slight decrease being reported as 2,114,000 in 1921 compared with 2,130,000 in 1920 and 2,184,000 in 1919.

The first estimate of the wheat production in British India for 1921-22 (page 179) is 365,235,000 bushels or 140.4% of the corresponding estimate of the previous year and 104.3% of the last five-year average. The area of winter oilseeds in British India exceeds last year and is nearly equal to the five-

SUMMARY OF THE CONTENTS OF THE NUMBER,- CONTINUED.

A table giving the annual production of rice in Japan from 1909 to 1921 (page 179) gives the 1921 production of rice as 17,335,434,000 pounds compared with 19,857,823,000 in 1920.

On pages 180 to 182 may be found the area and production of beans for the five-year average 1909-13 and for 1918, 1919, 1920 in all countries for which data are available. The production of sugar in Australia (page 183) for 1921 was 325,000 short tons. The annual consumption is estimated at about 314,000 tons.

The number of animals slaughtered at Prague, Czechoslovakia during 1911, 1913 and 1920, the number of pigs slaughtered in Ireland from 1911-1922, and the number of animals slaughtered in Sao Paulo, Brazil in 1919 and 1920 may be found on pages 185 to 187.

The average weekly rate of agricultural wages in Australia on June 30, 1920, was $14.86 in United States Currency according to the rate of exchange prevailing at that date.

The foreign exchange table (page 191), shows the rate of exchange prevailing in New York, April 29, 1922 for the countries of Europe (excluding Russia).

AREA AND PRODUCTION OF CROPS IN CHILE, 1920 AND 1921.

Crop	Area		Production	
	1920-21	1921-22	1920-21	1921-22
	Acres	Acres	Bushels	Bushels
Wheat	1,196,000	1,314,000	19,916,000	23,883,000
Barley	126,000	128,000	3,691,000	3,690,000
Oats	84,000	60,000	2,590,000	2,118,000
Rye	44,000	33,000	53,000	44,000
Beans	113,000	109,000	1,689,000	.....
Peas	28,000	27,000	420,000	.....
Chick peas	4,000	3,000	36,000	.....
Corn	62,000	63,000	1,446,000	.....
Potatoes	76,000	83,000	10,377,000	.....

(Source: American Consul, Concepcion, Chile).

AREA, PRODUCTION AND AVERAGE YIELD OF CROPS IN SWEDEN FOR 1920 AND 1921.

Crop	Area		Production		Average Yield	
	1920	1921	1920	1921	1920	1921
	Acres	Acres	Bushels	Bushels	Bushels per acre	Bushels per acre
Winter wheat	292,000	292,000	9,284,000	11,219,000	31.8	38.4
Spring "	68,000	68,000	1,244,000	1,358,000	18.3	19.9
Winter rye	866,000	866,000	22,231,000	26,957,000	25.6	31.2
Spring "	48,000	48,000	824,000	854,000	17.2	17.8
Barley	402,000	400,000	11,012,000	12,326,000	27.5	30.9
Oats	1,758,000	1,757,000	70,599,000	76,598,000	40.1	43.5
Maslin	652,000	650,000	17,051,000	18,773,000	26.1	28.9
Peas	94,000	94,000	2,107,000	2,088,000	22.3	22.3
Beans	5,000	5,000	120,000	130,000	22.6	24.4
Vetches	11,000	11,000	259,000	259,000	22.9	22.9
Potatoes	367,000	365,000	61,639,000	68,525,000	168.2	188.0
			Tons	Tons	Tons per acre	Tons per acre
Sugar beets	112,000	120,000	1,146,000	1,636,000	10.2	13.6
Fodder roots	221,000	218,000	2,822,000	3,217,000	12.8	14.8
Hay	2,939,000	2,937,000				
From cultivated meadows			4,960,000	4,009,000	1.69	1.36
From natural meadows			889,000	696,000	.65	.54

(Source: Arsvaxten).

CROPS IN MANCHURIA, 1921

Crop	Manchuria	Inner Mangolia
	Tons	Tons
Kaoliang	8,390,000	697,000
Soya beans	4,520,000	431,000
Millet	5,704,000	542,000
Corn	1,849,000	60,000
Barley	464,000	99,000
Wheat	282,000	80,000
Oats	110,000	16,000
Green peas	134,000	59,000
Red peas	351,000	77,000

(Source: American Consul, Mukden, China).

CROP PRODUCTION IN TURKEY

Crops	Turkey in Europe, 1907	Turkey in Asia, 1909
	Bushels	Bushels
Wheat	17,640,000	132,986,000
Barley	15,231,000	117,671,000
Maize	16,177,000	18,167,000
Millet	393,000	11,052,000
Rye	5,651,000	11,754,000
Oats	11,091,000	24,737,000
Vetch	516,000	5,038,000
Buckwheat	1,944,000	6,035,000
Haricots	48,000	2,858,000
Other Beans	663,000	987,000
Chick Peas	30,000	1,872,000
Lentils	21,000	1,254,000
Potatoes	107,000	2,738,000
	Short Tons	Short Tons
Sesame	4,500	41,000
	Pounds	Pounds
Tobacco	49,026,000	61,980,000

(Source: Annuals of Bureau of Statistics of the Department of Forestry, Mines and Agriculture).

AUTUMN SOWING OF CEREALS IN CZECHOSLOVAKIA IN 1919, 1920 AND 1921.

Crops	Area		
	1919	1920	1921 (prel.)
	Acres	Acres	Acres
Wheat (Autumn)	1,410,000	1,409,000	1,407,000
Rye "	2,184,000	2,130,000	2,114,000
Barley "	27,000	26,000	17,000

(Source: Bulletin du Ministere de l'Agriculture de la Republique Tchescoslovaque).

PRODUCTION OF WHEAT IN BRITISH INDIA.

The first estimate of the production of wheat in British India, is 365,235,000 bushels. This shows a large increase compared with last year being 140.4% of the estimate of the corresponding date and also some increase compared with the average as it is 104.3% of the last five-year average production.

(Source: International Institute of Agriculture, Rome).

AREA OF WINTER OIL SEEDS IN BRITISH INDIA.

Crops	Average, 1915 - 16 to 1919-20.	1920-21	1921-22
	Acres	Acres	Acres
Rape and Mustard ..	3,623,000	2,802,000	3,511,000
Linseed	2,522,000	1,784,000	2,059,000

(Source: Second Forecast, Department of Statistics, India).

RICE PRODUCTION IN JAPAN, 1909-1921.

Year	Production	Year	Production
	Pounds		Pounds
1909	16,473,583,000	1916	18,360,000,000
1910	14,650,134,000	1917	17,142,861,000
1911	16,245,748,000	1918	17,184,022,000
1912	15,777,630,000	1919	19,106,363,000
1913	15,787,971,000	1920 a	19,857,823,000
1914	17,908,921,000	1921 a	17,335,434,000
1915	17,569,020,000		

(Source: Agricultural and Commercial Statistics).

a. Source: Board of Trade Journal.

AREA OF BEANS IN UNDERMENTIONED COUNTRIES, 1909-13, 1918, 1919, 1920.

(000 omitted).

Country	Average, a 1909-1913	1918	1919	1920
	Acres	Acres	Acres	Acres
NORTHERN HEMISPHERE				
United States (6 States)	788	1,744	b 1,060	b 838
Canada	51	228	84	72
Mexico	.....	.....	.....	.....
Austria	c 648	9	7	7
Croatia Slavonia	d 25	.....	.....	.....
do	e 472	.....	.....	.....
Belgium	21	.....	.....	.....
Bulgaria	c 178	.....	.....	.....
Denmark	9	f 20	f 24	f 38
France	c 554	478	513	565
Hungary	c d 44	.....	.....	.....
do	c e 1,471	.....	.....	.....
Italy	2,023	1,065	2,302	2,318
Luxemburg	4	.....	.....	.....
Netherlands	64	61	38	.....
Poland	29	.....	g 141	h 198
Rumania	c d 93	.....	d 69	.....
do	c e 1,265	.....	e 1,180	.....
Russia proper	c 523	.....	.....	.....
Northern Caucasia	c 4	.....	.....	.....
Serbia	c 25	.....	.....	.....
Spain	1,132	1,278	1,266	1,243
Sweden	10	6	6	5
United Kingdom	288	i 260	i 293	.....
British India	13,156	16,255	7,367	.....
Japan	2,906	.....	.....	.....
Russia (Asiatic) (9 Governments)	22	.....	.....	.....
Algeria	110	.....	.....	.....
Egypt	544	494	524	434
SOUTHERN HEMISPHERE	Average, a 1908-09 - 1912-13	1917-18	1918-19	1919-20
	Acres	Acres	Acres	Acres
Argentina	65	.....	.....	.....
Chile	79	i 132	.....	.....
Australia	40	2	.....	.....

(Compiled from official Sources).

Foreign Crops and Markets.

Area of Beans,- Cont'd.

a. Five-year average except in a few cases where statistics were unavailable.
b. Seven States.
c. Old boundaries.
d. Grown alone.
e. Grown with corn.
f. Includes pulse.
g. Former Russian Poland, Western Galicia and Posen.
h. Republic of Poland.
i. Includes peas in Ireland.
j. Unofficial.

BEANS,-CONT'D.

Production of Beans in Undermentioned Countries, 1909-13, 1918, 1919, 1920.

(000 omitted)

Country	Average, a 1909-1913	1918	1919	1920
	Bushels	Bushels	Bushels	Bushels
NORTHERN HEMISPHERE				
United States (6 States)	11,166	17,397	b 13,349	b 9,077
Canada	974	3,564	1,389	1,265
Mexico	.....	c 4,858	.....	.....
Austria	d 9,666	82	73	85
Croatia Slavonia	e 265	.....	.....	.....
do	f 2,011	.....	.....	.....
Belgium	604	.....	.....	.....
Bulgaria	d 1,895	.....	.....	.....
Denmark	369	g 417	g 644	g 1,357
France	d 518	5,283	5,681	8,250
Hungary	d e 599	.....	.....	.....
do	d f 6,917	.....	.....	.....
Italy	21,038	15,362	14,539	12,452
Luxemburg	73	.....	.....	.....
Netherlands	1,853	2,095	.....	.....
Poland	505	.....	h 1,802	i 2,689
Rumania	d e 1,385	.....	e 870	.....
do	d f 3,630	.....	f 3,115	.....
Russia, proper	d 6,027	.....	.....	.....
Northern Caucasia	d 58	.....	.....	.....
Serbia	d 1,676	.....	.....	.....
Spain	11,908	14,025	12,812	13,661
Sweden	174	111	151	120
United Kingdom	8,433	7,451	.....	.....

PRODUCTION OF BEANS,-CONT'D.

(000 omitted)

Country	Average, a 1909-13	1918	1919	1920
NORTHERN HEMISPHERE	Bushels	Bushels	Bushels	Bushels
British India	143,360	165,275	71,701	.....
Japan	38,072	.....	.....	.....
Russia (Asiatic) (9 Governments)	225	.....	.....	.....
Algeria	1,132	.....	.....	.....
Egypt	.....	12,816	10,283	.....
SOUTHERN HEMISPHERE	Average, a 1908-09 - 1912-13	1917-18	1918-19	1919-20
	Bushels	Bushels	Bushels	Bushels
Argentina	.....	.....	.....	.....
Chile	1,398	c 1,386	c 2,547	c 1,713
Australia	794	45	.....	.....

(Compiled from Official Sources).

a. Five-year average except in a few cases where statistics were unavailable.
b. Seven States.
c. Unofficial.
d. Old boundaries.
e. Grown alone.
f. Grown with corn.
g. Includes pulse.
h. Former Russian Poland, Western Galicia and Posen.
i. Republic of Poland.
j. Includes peas.

SOYA BEANS IN CHINA.

China produces about 80 per cent of the world's output of soya beans, 60 to 70% of which comes from Manchuria. Ten years ago the exports were very small but in 1920, in point of value, beans, and bean products occupied the first place among exports.

(Source: Chamber of Commerce Journal).

Foreign Crops and Markets

AUSTRALIAN SUGAR PRODUCTION.

The Sugar Controller of the Commonwealth of Australia, states that the sugar prospect in Australia is very favorable. The Commonwealth's annual consumption of sugar is about 314,000 short tons. Last year's crop produced 325,000 short tons and the outlook is that next year it will reach 336,000 short tons. Australian sugar is grown entirely by white labor, and grown with very favorable results both as regards the price to the consumer and the return to the producers. By now the industry is a great one, employing between 30,000 and 40,000 of the population of Queensland.

(Source: The Chamber of Commerce Journal, London).

SUGAR INDUSTRY IN FRANCE.

The number of acres sown during the summer of 1920-21 was 225,000 in contrast to 161,000 in 1919-20 or an increase of 64,000 acres. The average return per acre is reported at 27.9 tons in comparison with 20.3 tons for the previous year. The total weight of beets worked up was 2,539,000 tons compared with 1,325,000 tons in 1919-20, or an increase of 1,214,000 tons.

The number of mills in operation has been increased by 12 being reported as 72 in place of 60 during the preceding period. From the 2,539,000 tons of beets worked up there were produced 336,000 tons of refined sugar. This production of sugar is greater by 165,000 tons than that of 1919-20 which was only 171,000 tons. The weight of the pulp obtained from all the mills and refineries has been raised to 1,237,000 tons.

The weight of molasses delivered for agricultural or industrial uses was 18,000 tons in 1920-21, compared with 44,000 tons in 1919-20, or 27,000 tons less. If one divides the total weight of beets worked by the number of factories functioning, one finds an average of 35,000 tons of beets per factory compared with 22,000 tons in 1919-20.

(Source: Bulletin de Statistique du Ministere des Finances quoted in L'Economiste, March 18, 1922.)

SUGAR INDUSTRY IN SPAIN

The total amount of beets consumed in the 42 beet-sugar refineries 36 of which were in operation during 1920 was 1,031,000 tons which produced 105,000 tons of sugar. Cane sugar is produced on a much smaller scale than beet sugar. 18 of the 24 cane refineries produced a total of 7,392 tons of sugar.

(Source: Supplement to Commerce Reports).

PRODUCTION OF CITRUS FRUITS IN GREECE, 1920 AND 1921.

The output of citrus fruits in Greece and its island possessions for the present season is estimated by reliable dealers as 53,000,000 oranges, compared with 64,500,000 in the previous year, 18,000,000 mandarines compared with 61,500,000 (including Chio Island, whose report for the present season has not yet been received), and 31,000,000 lemons compared with 29,500,000 in the previous year. The decrease in production is attributed partly to plant disease and to lack of labor and the high wages demanded.

(Source: Consul General, Athens, Greece.)

HOPS PRODUCTION IN ENGLAND, 1920 AND 1921.

A preliminary estimate gives the total production of hops in England for 1921 as 25,088,000 pounds, as compared with 31,472,000 pounds for 1920. The area under cultivation in June of the two years was respectively 25,000 and 21,000 acres. Home production of hops is insufficient to meet the requirements of the market so a large amount is imported.

(Source: Consulate General, London, England).

PRODUCTION OF BUTTER AND CHEESE, IN NETHERLANDS, 1916-1920.

Year	Butter (Controlled)	Cheese a
	Pounds	Pounds
1916	134,178,000	246,340,000
1917	119,379,000	186,704,000
1918	87,517,000	115,624,000
1919	94,873,000	143,447,000
1920	105,918,000	180,004,000

(Source: Dairying in the Netherlands).

a. Controlled and Non-controlled.

NUMBER OF HORSES, CATTLE AND SHEEP IN NEW SOUTH WALES, AUSTRALIA ON DECEMBER 31, 1921.

A progress return issued by the Stock Branch of the Department of Agriculture, compiled from the returns furnished by the stock inspectors for the various Pastures Protection Districts in the State, shows the approximate number of live-stock on December 31, 1921.

Date	Horses	Cattle	Sheep
Numbers actually returned..	414,000	2,618,000	29,025,000
Estimated by the stock inspectors as not returned for year 1921	77,000	452,000	4,558,000
Total returned and estimated: 1921	491,000	3,070,000	33,583,000
Number returned, year 1920	530,000	2,992,000	30,809,000

(Source: The Sydney Stock and Station Journal).

NUMBER OF ANIMALS SLAUGHTERED AT PRAGUE, CZECHOSLOVAKIA DURING THE YEARS, 1911, 1913 AND 1920.

Kind	1911	1913	1920
Cattle	40,000	29,000	11,000
Calves	6,000	4,000	16
Sheep	27,000	31,000	21,000
Hogs	493,000	539,000	35,000
Horses	3,000	4,000	2,000

From the above table, as it appears, there was a considerable falling off in the number of cattle slaughtered during the year 1920. Government regulations prohibited the slaughter of calves, hence the low figure for 1920. An important factor which has placed a considerable quantity of cattle on the export market is the lack of fodder which forces the peasants to sell such cattle as they are unable to feed.

(Source: American Consul, Prague, Czechoslovakia).

PIG KILLINGS IN IRELAND.

The number of pigs killed in Ireland during February and during the last three and twelve months were somewhat heavier than in the corresponding periods of recent years.

Number of Pigs Purchased by Irish Bacon Curers.

Purchased alive	December	January	February	Period ended Feb. Three months	Period ended Feb. Twelve months
	Number	Number	Number	Number	Number
1911-1914 a	70,024	76,577	61,707	208,308	831,603
1918-1919	71,623	72,637	58,727	202,987	604,009
1919-1920	76,927	66,210	53,581	196,718	647,437
1920-1921	81,972	84,109	56,318	222,399	706,533
1921-1922	75,120	87,241	70,272	232,633	815,027
Purchased dead.					
1911-1914 a	33,405	40,788	35,074	109,267	417,268
1918-1919	21,947	23,746	15,441	61,134	199,099
1919-1920	27,234	22,621	16,417	66,272	215,366
1920-1921	21,771	20,561	22,503	64,835	216,242
1921-1922	17,061	22,583	24,633	64,277	236,334
Totals					
1911-1914 a	103,429	117,365	96,781	317,575	1,248,871
1918-1919	93,570	96,383	74,168	264,121	803,108
1919-1920	104,161	88,831	69,998	262,990	862,803
1920-1921	103,743	104,670	78,821	287,234	922,775
1921-1922	92,181	109,824	94,905	296,910	1,051,361

(Source: Monthly Statistical Statement, Department of Agriculture and Tech. Instruction for Ireland).

a. Average for period.

THE MEAT PACKING INDUSTRY IN THE STATE OF SAO PAULO, BRAZIL IN 1919 AND 1920.

Statistics show that in the three packing houses which worked during 1919 and 1920 the following number of animals were slaughtered:

Kind	Animals slaughtered		Dressed weight	
	1919	1920	1919	1920
	Number	Number	Pounds	Pounds
Cattle	239,000	208,000	118,019,000	147,073,000
Swine	65,000	77,000	11,079,000	13,494,000
Sheep	2,000	3,000	68,000	84,000

The Production of Meat in the same Plants in 1919 and 1920 was:

Meat	1919	1920
	Pounds	Pounds
Frozen	76,607,000	69,642,000
Chilled	10,162,000	14,109,000
Fresh	28,696,000	11,967,000
Preserved	5,420,000	329,000

(Source: Revista da Associacao Commercial de S. Paulo, February 1922).

COFFEE CROP OF BRAZIL FOR 1922-23.

The coffee crop of Sao Paulo, Minas Geraes and Parana for 1922-23 is estimated by the French and Italian Bank of Sao Paulo as 6,875,509 bags of 132 pounds.

(Source: Commercial Attache, Rio de Janeiro, Brazil).

COCOA CROP OF BAHIA, BRAZIL, 1922.

The 1922 crop of Bahia cocoa is estimated at 750,000 bags of 132 pounds each. Of this amount 60,000 bags can be shipped in June or July, and the remainder will be available during the September-February period.

(Source: American Consul, Bahia, Brazil).

AGRICULTURAL WAGES IN AUSTRALIA.

Australia - Weighted average weekly rates of wages payable to adult male laborers June 30, 1920.

Includes estimated value of board and lodging where supplied. Working hours not reported.

	Shillings and pence.	United States dollars.		Shillings and pence.	United States dollars.
Sydney	75/9	14.97	Adelaide	69/7	13.75
Melbourne	63/0	13.43	Perth	78/7	15.55
Brisbane	85/5	16.88	Hobart	74/2	14.66
			Average: Six capitals	75/2	14.86

(Source: Quarterly Summary of Australian Statistics).

Agricultural Wages in Spain.

Spain - Average maximum and minimum daily rates of wages paid to farm laborers, 1921.

	Pasetas.	Cents.
Men:-		
Maximum	6.00	77.5
Minimum	3.75	48.4
Women:-		
Maximum	2.50	32.3
Minimum	1.50	19.4

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON MARCH 18, 1921, AND 1922.

The English Currency has been converted to United States Currency according to the exchange rate prevailing on March 18, 1921, and 1922.

Commodity and Grades.	1921. Shillings and pence per unit of measure. Low	1921. Shillings and pence per unit of measure. High.	1921. Cents per unit of measure. Low	1921. Cents per unit of measure. High.	1922. Shillings and pence per unit of measure. Low	1922. Shillings and pence per unit of measure. High.	1922. Cents per unit of measure. Low	1922. Cents per unit of measure. High.
	Quarters of 504 Pounds.		Bushels of 60 Pounds.		Quarters of 504 Pounds.		Bushels of 60 Pounds.	
Wheat:								
English.....	70/0	96/0	163.2	223.8	52/0	57/0	136.2	149.3
Australian...	....	....	.....	.....	60/6	62/0	158.4	162.4
Foreign.....	83/6	92/9	206.4	216.2	59/6	66/0	155.8	172.9
	Quarters of 480 Pounds.		Bushels of 56 Pounds.		Quarters of 480 Pounds.		Bushels of 56 Pounds.	
Corn:								
Argentine ...	56/0	57/0	128.0	130.3	46/0	46/6	118.1	119.4
American	50/6	53/0	115.4	121.1	34/0	36/0	87.3	92.4
Rumanian.....	54/0	55/0	123.4	125.7	....	....	.....	.....
So. African..	53/0	54/0	121.1	123.4	41/0	42/0	105.3	107.8
	Cwt. of 112 Pounds.		Pounds.		Cwt. of 112 Pounds.		Pounds.	
Bacon:								
Irish (ex-factory):								
Sixes	210/0	215/0	36.7	37.6	135/0	136/0	26.5	26.7
Extra heavy .	200/0	.....	34.9	....	126/0	.....	24.7	....
Danish:								
No. 1 sizeable	213/0	.....	37.2	....	124/0	125/0	24.3	24.5
Seconds	213/0	.....	37.2	....	115/0	118/0	22.6	23.2
Swedish:								
No. 1 sizeable	207/0	.....	36.2	....	110/0	120/0	21.6	23.6
Seconds	207/0	.....	36.2	....	.....	.....	.....	....
Dutch:								
No. 1 sizeable	204/0	206/0	35.6	36.0	114/0	116/0	22.4	22.8
Seconds.....	204/0	206/0	35.6	36.0	.....	.....	.....	....
Canadian:								
Leanest	170/0	.....	29.7	.....	110/0	115/0	21.6	22.6
Lean.....	170/0	.....	29.7	.....	108/0	115/0	21.2	22.6
Stout & heavy	145/0	160/0	25.3	27.9	106/0	110/0	20.8	21.6
Seconds.....	145/0	160/0	25.3	27.9	100/0	105/0	19.6	20.6

Great Britain:-Prices of Wheat, Corn, Bacon and Lard on March 18, 1921, 1922,- Cont'd.

Commodity and Grades.	1921. Shillings and pence per unit of measure. Low	1921. Shillings and pence per unit of measure. High.	1921. Cents per unit of measure. Low	1921. Cents per unit of measure. High.	1922. Shillings and pence per unit of measure. Low.	1922. Shillings and pence per unit of measure. High.	1922. Cents per unit of measure. Low.	1922. Cents per unit of measure. High.
	Cwt. of 112 Pounds.		Pounds		Cwt. of 112 Pounds.		Pounds.	
American Wiltshire Sides:								
Leanest	130/0	136/6	22.7	23.9	100/0	105/0	19.6	20.6
Lean	130/0	136/6	22.7	23.9	100/0	105/0	19.6	20.6
Stout.....	130/0	136/6	22.7	23.9	.....	.....	....	....
Seconds.....	130/0	136/6	22.7	23.9	98/0	100/0	19.2	19.6
Cumberland cut	147/6	.....	25.8	....	105/0	110/0	20.6	21.6
Cumberland and bellies,(Eng. cut).....	167/6	.....	29.3	....	82/0	88/0	16.1	17.2
Lard:								
Irish bladders	104/0	110/0	18.1	19.2	73/0	80/0	14.3	15.7
Irish boxes...	100/0	.....	17.5	....	65/0	....	12.8	....
Danish.....	100/0	108/0	17.5	18.3	76/0	....	14.9	....
U. S. Pails...	90/0	94/0	15.7	16.4	74/3	....	14.8	....
U. S. cartons	.....	.....	....	....	72/0	74/0	14.1	14.5
U. S. Boxes	90/0	94/0	15.7	16.4	67/0	70/6	13.1	13.8
U. S. Tierces	.....	.....	....	....	70/3	....	14.0	....
Dutch	.....	.....	....	....	69/0	....	13.5	....

(Source: Grocer and Oil Trade Review).

NUMBER OF AGRICULTURAL HOLDINGS IN ENGLAND AND WALES.

Year	Above 1 and not exceeding 5 acres	Above 5 and not exceeding 50 acres	Above 50 and not exceeding 300 acres	Above 300 acres	Total
1903	91,797	198,874	126,980	15,351	433,002
1908	89,958	197,218	127,864	15,041	430,031
1913	92,302	200,144	128,718	14,513	435,677
1918	83,392	191,942	130,666	14,126	420,126
1919	81,193	191,375	130,225	13,875	416,668
1920	80,737	194,059	129,703	13,492	417,991
1921	81,217	197,126	128,843	12,947	420,133

FOREIGN EXCHANGE.

Countries.	Monetary unit.	Mint par.	Exchange Value in New York.		
			Apr. 29,1922.	Mar. 29,1922.	Apr. 29,1921.
ustria	Krone	.2026	.000127	.000134	.00265
elgium	Franc	.1930	.0842	.084	.0774
ulgaria	Lev	.1930	.00685	.006883	.013
zechoslovakia .	Krone	.2026	.019389	.0182	.0135
enmark	Krone	.2680	.212	.211	.1809
ngland	Pound	4.8665	4.4255	4.3738	3.9575
inland	Markka	.1930	.0201	.020263	.024
rance	Franc	.1930	.0918	.0901	.0773
ermany	Reichsmark	.2382	.003535	.003076	.01595
reece	Drachma	.1930	.0449	.0438	.0598
olland	Florin or Guilder	.4020	.3816	.3773	.3505
ungary	Krone	.2026	.001296	.001115	....
taly	Lira	.1930	.053	.0508	.04825
orway	Krone	.2680	.188	.1777	.1555
oland	Polish Mark	.2382	.00026	.000249	.0013
ortugal	Escudo	1.0805	.0736	.0843	....
umania	Leu	.1930	.007078	.007194	.0162
pain	Peseta	.1930	.1552	.1551	.1397
weden	Krona	.2680	.2594	.2608	.2315
witzerland	Franc	.1930	.1943	.1942	.1749
ugoslavia	Krona	.2026	.003341	.003075	.0071
	Servian Dinar	.1930	.013443	.012343	....

(Source: United States Federal Reserve Board).

AREA OF PRINCIPAL CROPS IN ENGLAND AND WALES,
1912 - 1921.
(Thousands of Acres)

Year	Wheat	Barley	Oats	Beans	Peas
1912	1,863	1,457	2,072	277	201
1913	1,702	1,559	1,975	268	164
1914	1,807	1,505	1,930	294	169
1915	2,170	1,232	2,083	267	129
1916	1,912	1,332	2,085	236	113
1917	1,918	1,460	2,259	211	131
1918	2,557	1,501	2,730	251	150
1919	2,221	1,510	2,564	285	163
1920	1,875	1,637	2,272	257	166
1921	1,976	1,436	2,149	247	143

SPECIAL REPORTS ON FOREIGN CROPS AND MARKETS

The following are some of the principal reports on foreign agricultural crops and markets received during the week in the Foreign Section, Division of Records and Research from American Consular Officers and Agricultural Commissioners in foreign countries. This list of reports is by no means complete and is published primarily with a view to showing the variety and character of information received from foreign countries. Some of the reports will be made the basis for published articles in "Weather, Crops, and Markets" and also in "Foreign Crops and Markets." The reports are also used in connection with answering inquiries on special subjects. As a general rule no extra copies of these reports are available for distribution, but in special cases copies will be supplied upon request.

1. Review of the Italian Cotton Industry, American Commercial Representative at Milan, Italy.

2. Review of the Crop Situation in Eastern France, No. 55083, American Consul at Lyon.

3. Report on the Dairying Industry in Ontario, No. 55151, American Consul at Kingston, Canada.

4. Report on the Cotton-Growing Industry of Argentina, No. 51917, American Consul at Buenos Aires.

5. Review of the Sugar Industry in Sweden, No. 52938, American Consul at Malmo.

6. Report on the Agricultural Situation of Chile for 1921, No. 54645, American Consul at Concepcion.

Inquiries regarding FOREIGN CROPS AND MARKETS should be addressed to the Foreign Section, Division of Records and Research, Bureau of Markets and Crop Estimates, Washington, D. C.

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. MAY 10, 1922. NO. 14.

CONTENTS

SUMMARY OF THE CONTENTS OF THIS NUMBER.

The summary of foreign crop prospects on pages 194 to 196 states that the condition of the winter wheat crop is generally fair in western Europe and good in central Europe. Warmer weather is needed to promote growth in France and Great Britain. The area sown in Italy is 288,000 acres below last year but 510,000 above the last five-year average. The crop is up to the average in Egypt but rain is needed in Algeria, Tunis and Morocco. Very little winter-killing is reported in Canada.

SUMMARY OF THE CONTENTS OF THIS NUMBER,-CONTINUED.

The first estimate of the production of wheat in British India is 365,235,000 bushels which is 140.4% of the corresponding estimate of the previous year and also above the five-year average (final estimates) which was 346,737,000 bushels. It is expected that the Argentina production will exceed the original official estimate of 154,873,000 bushels.

Recent reports indicate that the production in Australia will probably not equal the early official estimate of 134,184,000 bushels.

The production of all the leading crops in Portugal show some increase in 1921 compared with 1916. The area of wheat in Italy for 1922 is 11,491,000 acres (page 198) compared with 11,779,000 in 1921. The production in 1921 was 188,126,000 bushels compared with 141,315,000 in 1920. The production in Switzerland (page 199) shows some decrease compared with 1913. The prospects for the 1922 crop in Russia (page 199) are very unfavorable.

The area and production of tobacco for all leading countries and also the international trade of tobacco are shown on pages 201 to 206. The exports of wool from Brazil from 1916 to 1921 (page 208) show a steady increase ranging from 2,906,000 pounds in 1916 to 7,127,000 in 1921. The exports of wool from Argentina and from British South Africa are shown on pages 209 and 210.

The number of animals slaughtered for consumption in Belgium during 1919 and 1920 is shown on page 211. The number of animals slaughtered in the Public Abattoirs of Egypt is shown on the same page.

The lowest price of wheat (page 213) in Great Britain on March 25, 1922 was $1.357 and the highest price $1.644. The lowest price of corn was $.857 and the highest price $1.125. The lowest price of wheat in Argentina (page 215) during 1921 was $1.35 per bushel and the highest price $2.23 per bushel; the lowest price of corn was $.79 per bushel and the highest $1.25, the lowest price of flaxseed $1.11 and the highest $2.64 per bushel, while that of oats ranged from $.43 to $.63 per bushel.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT.

WARMER WEATHER NEEDED IN WESTERN EUROPE.

The cool weather prevailing in Great Britain has retarded the growth of the winter wheat crop. The stand is thick on the ground but is losing color in some sections. The condition of the crop in France continues fair but warmer weather is needed to facilitate growth. Some frost damage is reported in Denmark and the fields are losing color.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT,- CONTINUED.

PROSPECTS GOOD IN CENTRAL EUROPE

The crop is making good growth in Germany and the condition is up to average. Recent rains have benefited the fall sown wheat in Rumania and have facilitated spring seeding. Warm weather is now needed to encourage growth. The first estimate of the area sown to spring wheat is 740,000 acres compared with 1,150,000 for 1921. The winter wheat crop is reported as good in Bulgaria and Czechoslovakia.

AREA IN ITALY 288,000 ACRES BELOW LAST YEAR BUT 510,000 ABOVE FIVE-YEAR AVERAGE.

The condition of the wheat crop in Austria is reported as 2.3 or above average (1 - very good, 2 = good, 3 = average). The rains which fell the latter part of March benefited the crop greatly in Italy, especially in the northern section. The area sown for the season 1921-22 is estimated at 11,491,000 acres compared with 11,779,000 during 1920-21 and with 10,981,000 for the five-year average 1915-16 to 1919-20.

Recent reports from Canada state that the crop has wintered well.

RAIN NEEDED IN NORTHERN AFRICA.

The fields are commencing to lose color in Algeria because of the long drouth, but the condition is reported as about average. Beneficial rains have occurred in northern Tunis, but some damage is reported in the central and southern section. An average crop is expected in Morocco although rain is commencing to be needed in some sections. The condition of the wheat crop is above average in Lower and Upper Egypt and average in Middle Egypt.

PRODUCTION IN BRITISH INDIA VERY FAVORABLE.

The first estimate of the production of wheat in British India is 365,235,000 bushels. This shows a large increase compared with last year being 140.4% of the estimate of the corresponding date. The final estimate of the production for last year was 250,469,000 bushels and that of the five-year average 1915-16 to 1919-20 was 346,737,000 bushels. The latest estimate of the area is 28,403,000 acres compared with 23,653,000 for the same date for 1920-21. The final revised acreage for 1920-21 was 25,722,000 acres, and that of the five-year average 30,499,000 acres. Thrashing is progressing under favorable weather conditions and the quality of the grain is generally good.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT,-CONTINUED.

Argentina's wheat crop of 1921-22 was estimated at 154,873,000 bushels early in the season compared with 169,756,000 bushels in 1920-21 and 170,871,000 for the five-year average. The quality of the grain is very good and it is expected that the production has considerably exceeded this early estimate.

PRODUCTION ABOVE EARLY EXPECTATIONS.

Recent rains have occurred in New South Wales and greatly facilitated plowing but more rain is needed in other sections of Australia. The early official estimate of the production of wheat for 1921-22 is 134,184,000 bushels which is 6.8% below 1920-21 but 14.6% above the five-year average. Recent reports indicate, however, that the yield will not equal early estimates, especially in New South Wales.

RECENT RAINS FACILITATE PLOWING.

CORN

The estimate of the area and production of corn in Argentina for 1921-22 is not yet available. The area is reported to be approximately the same as last year which was estimated as 8,090,000 acres. The reports of the production are very irregular but generally indicate that it will be considerably less than that of last year which was 230,423,000 bushels. The fine weather prevailing is favorable for the harvest but drought was generally complained of during the growing season.

PRODUCTION IN ARGENTINA PROBABLY LESS THAN LAST YEAR.

COTTON

Plowing, planting, watering and ridging of the cotton crop is progressing under favorable conditions in Egypt. The early-sown crop is germinating satisfactorily. The variable weather conditions during the early part of March necessitated some replanting in Lower Egypt. The water supply is generally reported as sufficient.

EGYPTIAN COTTON BEING PLANTED UNDER FAVORABLE CONDITIONS.

TEA IN FORMOSA

The area under tea cultivation in 1921 was 89,000 acres as compared with 93,000 in 1920 and 107,000 acres for the five-year average, 1915-1919. (Source: International Institute of Agriculture).

CROPS IN PORTUGAL.

(000 omitted).

Crop	Seed sown		Production	
	1915	1920	1916	1921
	Bushels	Bushels	Bushels	Bushels
Wheat	1,175	1,385	7,372	10,312
Millet	431	531	9,963	11,175
Rye	846	874	3,093	5,020
Oats	783	789	3,394	5,502
Barley	284	253	1,328	1,913
Beans	278	250	1,135	1,464
Kidney beans	122	116	931	979
Buckwheat	48	48	187	315
Potatoes	812	726	4,852	4,801
Rice	14	48	582	670
			Gallons	Gallons
Wine	.....	.....	121,043	39,369
Olive oil	.....	.....	7,635	5,151

(Source: Ministry of Agriculture quoted by, "The Economic Review").

DENMARK:- ROOT CROPS PRODUCTION, 1920 AND 1921.

Crops	1920	1921
	Tons	Tons
Carrots	127,000	119,000
Fodder Beets	5,227,000	5,288,000
Kohlrabi	6,154,000	7,546,000
Turnips	2,219,000	2,233,000
Sugar Beets	935,000	958,000
	Pounds	Pounds
Chicory	41,887,000	11,023,000
	Bushels	Bushels
Potatoes	45,305,000	50,191,000

(Source: Statistiske Efterretninger Udgivet af det Statistiske, Department, 14 Aarg. Nr. 7, April 5, 1922).

ACREAGE OF CEREALS IN ITALY.

Crop	Average 1915-1916 to 1919-20	1920-21	a 1921-22
	Acres	Acres	Acres
Wheat	10,981,000	11,779,000	11,491,000
Rye	278,000	287,000	284,000
Barley	503,000	540,000	544,000
Oats	1,142,000	1,199,000	1,786,000

(Source: International Institute of Agriculture).

a. Estimates.

CROP PRODUCTION IN ITALY

Crop	1920	1921
	Bushels	Bushels
Wheat	141,315,000	188,126,000
Corn	89,286,000	94,483,000
Potatoes	52,249,000	55,115,000
Hemp	4,900,000	5,010,000
Flax	91,000	98,000
	Tons	Tons
Sugar beet	1,323,000	1,653,000
	Pounds	Pounds
Cocoons	65,477,000	67,461,000

(Source: Ministry of Agriculture quoted by "The Times Trade Supplement.")

COTTON IN BELGIAN CONGO.

The Director of the Campagnie Cotoniere Congolaise (Congo Cotton Company) reports that the production of cotton has been increased from 16 bales of about 478 pounds in 1906 to about 3,000 bales in 1921. The 1922 output is expected to amount to about 5,000 bales of cotton of the American type of a staple length of one and 3/32 inches.

(Source: The Economic Review.)

AREA AND PRODUCTION OF CROPS IN SWITZERLAND, 1913, 1920, 1921.

Crop	Area			Production		
	1913	1920	1921	1913	1920	1921
	Acres	Acres	Acres	Bushels	Bushels	Bushels
Wheat	154,000	168,000	157,000	5,188,000	4,953,000	4,836,000
Rye	60,000	52,000	49,000	1,831,000	1,622,000	1,559,000
Barley	13,000	18,000	16,000	505,000	621,000	593,000
Oats	81,000	56,000	52,000	5,263,000	3,121,000	3,036,000
Corn	3,000	6,000	5,000	94,000	280,000	218,000

(Source: Representative of Department of Commerce, at Berne, Switzerland).

RUSSIA AND THE 1922 HARVEST.

Some interesting statements have been made by the British Commissioner for Famine Relief in Russia after his recent return from Russia. He estimates that only 35 per cent of the pre-war area devoted to winter cereals was sown last autumn. With regard to the spring wheat prospects he says that the seed brought by the railways arrived too late, and owing to thaw, could not be moved into the interior. Owing to the hopeless transport conditions it is estimated that not more than 33 per cent of the required quantity of seed will ever reach the fields. Most of this seed consists of oats. The commissioner considers that the very best harvest outturn which can be hoped for is less than half of the country's requirements. In the years immediately preceding the war the average yield of the five principal cereal crops of Russia viz., wheat, rye, barley, oats and maize is estimated to have been 72,000,000 long tons (long ton = 2240 pounds) and of this about 62,000,000 long tons or 85 per cent was consumed within Russia, the population being estimated at that time at 170,000,000. Of this total the area now under the Soviet Government contained something over 100,000,000 persons. It may be calculated that if a 175,000,000 population consumed 62,000,000 long tons of cereals then the requirements of 90,000,000 (allowing for losses in population through famine, etc.) should be about 32,000,000 tons and the shortage, as anticipated by the Commissioner would amount to about 17,000,000 tons.

(Source: The London Corn Circular).

AGRICULTURE IN MALTA.

The total area of land under cultivation was in 1921, 42,891 acres as against 42,860 in the previous year. During the years, 1920 and 1921 the number of holdings was estimated at 11,100 the average size of which is 3.86 acres each.

The principal crops are wheat, "Mischiato" (a mixture of wheat and barley) barley, forages, potatoes, onions, beans and vegetables. The area under cereals in 1921 was 18,297 acres as compared with 20,498 acres in 1920. The yield last year was: Wheat 306,000 bushels; barley, 161,000 and "Mischiato" 96,000 bushels.

Crop	Area		Production	
	1919-20	1920-21	1919-20	1920-21
	Acres	Acres	Bushels	Bushels
Beans	2,295	1,868	34,000	36,000
Potatoes	2,752	2,350	632,000	554,000
Onions	920	699	112,000	57,000

(Source: Colonial, Report No. 1111).

AGRICULTURE IN ITALY.

The area sown with potatoes, hemp and flax was greater in 1921 than in 1920 and 1913, while the area sown to wheat was greater in 1921 than in 1920 but slightly less than in 1913. The other crops such as rye, barley, oats, rice, maize, beans, sugar beets and vines, all compare favorably with the 1920 crops, but show a decrease in comparison with the year prior to the war.

The amount of livestock, at least as regards animals for labor and for food, has nearly been restored to what it was before the war. There is still a shortage of milch cows, but it is expected however, that in a year or two, Italy will be in a position to export dairy products to a large amour

(Source: Board of Trade Journal).

EXPORTS OF DRIED FRUIT FROM BRITISH SOUTH AFRICA.

The exports of dried fruit in 1921 amounted to 8,734,000 pounds again 3,980,000 pounds in 1920.

(Source: Monthly Review of the Standard Bank of South Africa, Ltd.)

TOBACCO.

Area of Tobacco in Undermentioned Countries, 1909-13, 1918, 1919, 1920.

(000 omitted).

Country	Average, a 1909-1913	1918	1919	1920
NORTHERN HEMISPHERE	Acres	Acres	Acres	Acres
United States	1,148	1,647	1,951	1,960
Porto Rico	18	24	40	42
Canada	14	13	32	53
Central America:				
Costa Rica	.....	.....	.....	.....
Cuba	.....	.....	.....	.....
Dominican Republic	.....	.....	b 25	.....
Guatemala	.....	.....	.....	.....
Jamaica	1	.....	.....	.....
Mexico	.....	.....	.....	.....
Austria	c 9	.....	.....	.....
Croatia Slavonia c	.....	.....	.....	.....
Bosnia-Herzegovina c	.....	.....	.....	.....
Belgium	10	15	17	7
Bulgaria	c 24	89	55	63
Denmark	1	.....	.....	.....
France	c 39	20	23	29
Germany	c 39	29	31	32
Greece	.....	116	.....	86
Hungary	c 120	.....	.....	51
Italy	19	17	21	20
Netherlands	1	1	1	1
Rumania	c 25	d 32	36	d 40
Russia proper c	108	.....	.....	.....
Northern Caucasia c	64	.....	.....	.....
Serbia c	5	.....	.....	.....
Sweden	1	1	1	.....
Switzerland	1	1	1	1
British India	1,026	1,015	.....	.....
British North Borneo	.....	2	.....	.....
Ceylon	14	18	.....	.....
Dutch East Indies:				
Java and Madura	432	.....	.....	.....
Sumatra, East Coast of	.....	.....	.....	.....
Japanese Empire:				
Japan	72	64	76	76
Chosen	46	.....	.....	.....
Formosa	1	.....	.....	.....

Area of Tobacco,-Cont'd.

(000 omitted).

Country	Average, a 1909-1913	1918	1919	1920
NORTHERN HEMISPHERE	Acres	Acres	Acres	Acres
Philippine Islands	155	194	182	250
Russia (Asiatic)	37	.....	.....	.....
Algeria	21	27	43	32
Tunis	.....	e	1	1
SOUTHERN HEMISPHERE	Average, a 1908-1909-1912-1913	1917-18	1918-19	1919-20
	Acres	Acres	Acres	Acres
Argentina	24	27	.....	15
Brazil	.....	.....	.....	.....
Chile	2	3	.....	.....
Uruguay	3	2	.....	1
Paraguay	.....	35	.....	.....
Nyasaland	7	f 9	6	3
Rhodesia	5	3	5	g 8
Union of South Africa	19	23	.....	.....
Australia	2	1	2	2
Fiji	.....	1	.....	.....

(Compiled from official sources).

a. Five-year average except in a few cases where statistics were unavailable.
b. Unofficial.
c. Old boundaries.
d. Former Kingdom and Bessarabia.
e. Less than 500.
f. Cultivated by Europeans.
g. Southern Rhodesia.

TOBACCO,-CONT'D.

Production of Tobacco in Undermentioned countries, 1909-13, 1918, 1919, 1920.

(000 omitted).

Country	Average, a 1909-1913	1918	1919	1920
NORTHERN HEMISPHERE	Pounds	Pounds	Pounds	Pounds
United States	996,176	1,439,071	1,465,481	1,582,225
Porto Rico	12,700	17,196	23,690	25,340
Canada	14,634	14,232	33,770	48,089
Central America:				
Costa Rica	.....	.....	b 228	.....
Cuba	57,490	.....	.....	.....
Dominican Republic	29,200	b 35,000	b 30,000	.....
Guatemala	674	1,049	.....	.....
Jamaica	418	.....	.....	.....
Mexico	34,711	27,963	.....	.....
Austria	c 14,169	.....	.....	.....
Croatia Slavonia	c 107	.....	.....	.....
Bosnia-Herzegovina	c 9,833	.....	.....	.....
Belgium	20,741	.....	30,050	13,490
Bulgaria	c 15,220	.....	35,260	53,490
Denmark	219	.....	.....	.....
France	c 45,272	c 19,568	34,670	46,031
Germany	c 66,536	51,528	45,379	.....
Greece	.....	63,165	57,195	68,500
Hungary	c 143,123	.....	.....	.....
Italy	22,120	19,841	21,160	28,260
Netherlands	1,829	.....	.....	.....
Rumania	c 16,426	d 13,470	d 26,477	e 5,370
Russia proper	c 177,107	.....	.....	.....
Northern Caucasia	c 55,842	.....	.....	.....
Serbia	c 3,988	.....	.....	.....
Sweden	1,657	1,389	.....	1,690
Switzerland	1,444	.....	660	860
British India	450,000	.....	.....	.....
British North Borneo	2,891	.....	.....	.....
Ceylon	4,273	.....	.....	.....
Dutch East Indies:				
Java and Madura	117,180	b 61,480	.....	.....
Sumatra, East Coast of	46,699	b 51,801	.....	.....
Japanese Empire:				
Japan	93,717	83,544	107,480	113,360
Chosen	29,737	.....	.....	.....
Formosa	1,120	.....	.....	.....

Production of Tobacco,-Cont'd.

(000 omitted).

Country	Average, a 1909-1913	1918	1919	1920
NORTHERN HEMISPHERE	Pounds	Pounds	Pounds	Pounds
Philippine Islands	63,907	135,705	124,560	143,070
Russia (Asiatic)	30,939	.....	.....	.....
Algeria	23,974	33,069	31,660	24,650
Tunis	259	484	620	.....
SOUTHERN HEMISPHERE	Average, a 1908-1909-1912-1913	1917-18	1918-19	1919-20
	Pounds	Pounds	Pounds	Pounds
Argentina	28,568	b 9,266	.....	.....
Brazil	59,991	.....	b f 53,900	.....
Chile	3,377	6,929	.....	.....
Uruguay	2,371	949	.....	.....
Paraguay	13,000	30,864	b 35,274	.....
Nyasaland	2,416	g 4,701	2,553	4,000
Rhodesia	901	h 620	1,463	h 2,930
Union of South Africa ..	13,789	14,931	i 14,183	i 11,644
Australia	1,337	459	2,684	j 2,352
Fiji	42	.....	.....	.....

(Compiled from official sources).

a. Five-year average except in a few cases where statistics were unavailable.
b. Unofficial.
c. Old boundaries.
d. Former Kingdom and Bessarabia.
e. Bessarabia only.
f. State of Bahia.
g. Cultivated by Europeans.
h. Southern Rhodesia.
i. Excluding native locations, reserves, etc.
j. Excludes Victoria.

TOBACCO.

International Trade of Tobacco (unmanufactured) for Calendar Years, 1918, 1919, 1920 and average 1909-1913.

(Tobacco comprises leaf, stems, strippings and tombac, but not snuff).

	Average 1909-1913		1918		1919		1920	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
PRINCIPAL EXPORTING COUNTRIES:	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
Algeria	4,776	11,681	2,128	14,835	3,941	25,518	6,409	23,724
Brazil	620	59,991	1,216	63,957	1,476	93,862	2,176	60,376
British India	6,538	28,874	5,775	28,514	9,404	44,610	10,121	36,379
Bulgaria	a	4,310	.....	.....	.....	16,216	.....	38,793
Ceylon	.....	4,093	4	4,754	.....	.....	.....	.....
Cuba	141	38,035	a	27,351	.....	36,326	.....	.....
Dominican Republic	.....	22,395	.....	33,510	.....	44,758	.....	.....
Dutch East Indies	8,074	163,823	4,244	17,746	4,381	301,589	.....	.....
Greece	12,024	18,113	.....	.....	.....	.....	.....	.....
Mexico	1,845	1,998	.....	.....	.....	.....	.....	.....
Paraguay	.....	11,361	.....	15,546	.....	22,759	.....	18,963
Persia	797	3,874	.....	.....	.....	.....	.....	.....
Philippine Is	45	26,018	184	56,705	283	48,564	763	45,578
Russia	1,084	23,283	.....	.....	.....	.....	.....	.....
United States	52,768	381,127	83,514	406,827	85,986	776,678	82,221	479,927
PRINCIPAL IMPORTING COUNTRIES								
Aden	11,619	7,739	.....	.....	.....	.....	.....	.....
Argentina	14,988	41	12,454	4,959	18,967	2,994	.....	.....
Australia	13,740	a	15,989	a	16,225	.....	.....	.....
Austria-Hungary	49,984	23,192	.....	.....	.....	.....	10,069	.....
Belgium	22,094	33	.....	.....	30,096	66	36,126	420
Canada	17,891	433	22,970	1,220	24,891	1,506	21,121	778
China	15,113	25,487	24,145	25,200	21,310	49,044	.....	.....
Denmark	8,774	100	3,682	2	30,638	499	16,359	.....
Egypt	19,005	.....	15,027	.....	17,993	.....	19,284	.....
Finland	9,597	.....	3,126	2	.....	.....	4,706	.....

TOBACCO,-CONT'D.

Country.	Average 1909-1913.		1918.		1919.		1920.	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Imports
	1,000 Pounds.	1,000 Pounds.	1,000 Pounds.	1,000 Pounds.	1,000 Pounds.	1,000 Pounds.	1,000 Pounds.	1,000 Pounds.
PRINCIPAL IMPORTING COUNTRIES:								
France	63,914	26	110,120	6	108,153	375	120,707	971
Germany	168,437	116	.....	.....	.....	.....	496,162	924
Italy	47,732	3,008	42,150	1,375	63,093	648	74,246	79
Netherlands...	57,218	2,786	831	7,270	232,655	60,048	86,797	10,175
Nigeria	6,050	.....	.....	.....	.....	.....	.....	.....
Norway	3,994	.....	3,416	.....	11,331	.....	6,753	.....
Portugal	6,565	279	.....	.....	8,886	.....	.....	.....
Spain	51,026	.....	49,808	.....	70,422	.....	73,659	.....
Sweden	9,772	1	7,484	.....	12,892	.....	.....	.....
Switzerland...	17,949	47	13,866	.....	27,742	173	29,003	112
United Kingdom	117,956	4,603	171,428	4,514	349,322	.....	222,841	.....
Other countries	24,799	60,742	22,447	24,324	30,052	4,115	19,451	3,954
Total	846,929	928,609	616,008	732,617	1,180,194	1,530,348	1,383,974	721,15

(Compiled from official sources).

a. Less than 500 pounds.

WORLD PRODUCTION OF TOBACCO AS FAR AS REPORTED, 1900-1920.

Year.	Production.	Year.	Production.	Year.	Production.	Year.	Productio
	Pounds.		Pounds.		Pounds.		Pounds.
1900	2,201,193,000	1906	2,270,298,000	1912	1,274,319,000	1918	2,138,274
1901	2,270,213,000	1907	2,391,061,000	1913	2,149,258,000	1919	2,178,382
1902	2,376,054,000	1908	2,382,601,000	1914	2,254,087,000	1920	2,175,351
1903	2,401,268,000	1909	2,742,500,000	1915	2,153,395,000	1921	
1904	2,146,641,000	1910	2,833,729,000	1916	1,547,867,000	1922	
1905	2,279,728,000	1911	2,566,202,000	1917	1,766,760,000		

STOCKS OF GRAIN IN FARMERS' HANDS IN CANADA ON MARCH 31, 1921 AND 1922.

According to the returns of crop correspondents, 14% of the total wheat production of 1921 or 41,649,000 bushels remained in farmers' hands on March 31, 1922, as compared with 19% or 48,919,000 bushels of the crop of 1920, which was an unusually large proportion. Of the other field crops, the proportions and quantities estimated to be in farmers' hands on March 31, 1922, were in bushels as follows, last year's quantities being given in brackets. Oats 35% or 147,604,000 (30% or 206,938,000); barley 25% or 14,901,000 (28% or 17,532,000); rye 21% or 4,535,800 (25% or 2,832,300); buckwheat 20% or 1,661,000 (22% or 1,926,600); corn for husking 23% or 3,441,000 (25% or 3,585,000); flaxseed 15% or 618,000 (23% or 1,808,000); potatoes 37% or 39,343,000 (40% or 53,313,000); turnips etc. 11% or 8,984,000 (12% or 14,021,000); hay and clover 18% or 2,025,000 tons (22% or 2,897,000 tons).

(Source: Dominion Bureau of Statistics, Agricultural Branch, Ottawa, Canada).

MERCHANTABLE QUALITY OF THE 1921 CROPS IN CANADA.

The returns of crop correspondents at the end of March also show that of the total wheat crop of 1921 viz. 300,858,100 bushels, 96% or 288,316,000 bushels were of merchantable quality. This proportion is the same for 1921, when 96% represented 253,177,000 bushels of the crop of 1920. The percentage of potatoes estimated by crop correspondents to be lost through frost or rot during the winter is only 8% or 8,254,000 bushels out of the total crop of 107,346,000 bushels. Last year the corresponding figures were 16% or 20,636,000 bushels out of the total 1920 crop of 133,831,400 bushels.

(Source: Dominion Bureau of Statistics, Agricultural Branch, Ottawa, Canada).

SUGAR PRODUCTION IN SPAIN, 1910-1920.

Year.	Production.	Year.	Production.
	Tons.		Tons.
1910	91,365	1916	115,806
1911	106,424	1917	124,177
1912	154,950	1918	129,167
1913	192,000	1919	123,372
1914	147,771	1920	a 100,000
1915	106,854		

(Source: Monthly Bulletin, American Chamber of Commerce in Spain).

a Estimated.

COTTON INDUSTRY IN SPAIN.

Prior to the war Spain imported f rom 375,000 to 400,000 bales (running bales) of cotton annually, about 80% of which came from the United States and the remainder mainly from India and Egypt. The American cotton imported comprises practically no low grades, as the low grade cotton brought to Spain is of Indian production which is preferred owing to its cheapness and color.

The imports of cotton through the port of Barcelona for the past nine seasons (Aug. 1 - July 31) are as follows (in running bales which average about 530 lbs. for American, 720 lbs. of Egyptian, 400 lbs. for Indian, and 450 for the others):

Imports of Cotton (bales) into the Port of Barcelona.

Season.	American.	Egyptian.	Indian.	Other.	Total.
1912-13 ...	289,611	20,013	36,166	21,683	366,473
1913-14 ...	276,365	20,004	73,471	21,226	391,066
1914-15 ...	426,566	19,499	46,891	2,576	495,532
1915-16 ...	314,855	21,862	59,712	359	396,788
1916-17 ...	356,846	13,617	53,567	541	424,571
1917-18 ...	246,577	9,024	1,250	880	257,731
1918-19 ...	284,009	15,725	16,952	3,242	319,928
1919-20 ...	237,121	11,144	66,387	8,520	323,172
1920-21 ...	262,368	12,663	43,724	3,574	322,329

(Source: Monthly Bulletin of the American Chamber of Commerce in Spain).

EXPORTS OF WOOL FROM BRAZIL.

Year.	Pounds.	Year.	Pounds.
1916	2,906,000	1919	4,984,000
1917	2,016,000	1920	3,573,000
1918	2,929,000	1921	7,127,000

(Source: From official sources. 1921 from Revista da Associacao Commercial de S. Paulo).

WOOL IN ARGENTINA.

During the last few months of 1921 the activity of the wool market was regular and satisfactory quantities were exported. The large stocks accumulated during the previous year could be mostly liquidated before the new clip which is estimated to be about 20% below normal on account of the decrease that took place in the sheep flocks.

German requirements of the raw material for the industries have been a favorable factor in the wool exports. The tariff restrictions of the United States did not have great influence over the wool trade because the great consuming market of the production is and always has been the European Continent.

The exports from October 1 to March 16 and the stocks on March 22nd last are given below:

Exports of Wool from October 1, 1921 to March 16, 1922.

(Bales of about 925 pounds).

Destination.	1921-22.	1920-21.
Dunkirk	56,544	8,653
Antwerp	27,259	10,120
Hamburg	66,735	25,525
Bremen	16,462	4,587
Genoa	12,396	803
United Kingdom	54,923	16,572
United States	20,610	75,162
Others	4,685	3,188
Total	259,614	144,610
Total for season	.....	313,714

Receipts and Stocks of Wool at the Central Produce Market (Buenos Aires).

	Pounds.
Receipts from July 1, 1921 to March 22, 1922	156,125,000
Receipts for same period last season	66,541,000
Stocks on March 22, 1922	22,465,000
Stocks on same date, 1921	38,356,000

(Source: Revista de Economia Argentina. The figures for exports and stocks were taken from The Review of River Plate.)

STOCK OF WOOL IN AUSTRALIA.

(Bales of about 330 pounds).

The total receipts of wool at all centers to the end of January amounted to 1,594,000 bales. The disposals and stocks on January 31, 1922 were as follows (30,500 bales were destroyed by fire).

Center.	Sales and Shipments.	Stocks.
Sydney	260,915	392,600
Brisbane	116,935	90,856
Victoria	150,694	298,170
Adelaide	72,090	106,112
Western Australia	32,017	18,045
Tasmania	18,552	6,586
Total	651,203	912,369

(Source: The Sydney Stock and Station Journal).

EXPORTS OF WOOL AND MOHAIR FROM BRITISH SOUTH AFRICA.

	1920.	1921.
Wool	119,505,000 Pounds.	230,422,000 Pounds.
Mohair	6,290,000 "	17,129,000 "

(Source: Monthly Review of the Standard Bank of South Africa, Ltd).

EXPORTS OF HIDES AND SKINS FROM BRITISH SOUTH AFRICA.

	1920.	1921.
Hides	19,267,000 Pounds	14,388,000 Pounds
Goat skins	6,129,000 "	3,495,000 "
Sheep skins	24,067,000 "	27,979,000 "

(Source: Monthly Review of the Standard Bank of South Africe, Ltd)

STATISTICS OF ANIMALS SLAUGHTERED FOR CONSUMPTION IN BELGIUM DURING 1919 AND 1920.

Year.	Steers.		Bulls.		Cows.	
	Number.	Pounds.	Number.	Pounds.	Number.	Pounds.
1919	110,440	68,300,340	30,568	16,375,775	109,403	59,165,333
1920	107,147	64,632,529	31,131	16,985,720	115,538	61,982,437
	Heifers.		Calves.		Swine.	
1919	17,536	7,548,129	98,489	8,173,605	477,284	95,358,917
1920	17,833	8,461,854	3,323	325,093	828,604	167,717,103
	Sucking Pigs.		Sheep.		Lambs.	
1919	816	33,569	136,717	6,786,299	7,600	227,067
1920	14,681	356,947	124,086	6,287,442	7,160	213,011
	Goats.		Horses.			
1919	34,626	1,003,827	37,113	22,279,388		
1920	37,112	1,047,932	35,520	21,767,687		

(Source: Ministere de l'Agriculture. No. 3 Consommation de Viande de Boucherie Annee 1919 et 1920, pages 16-17.)

Numbers of Animals Slaughtered in the Public Abattoirs of Egypt during the Years 1914, 1919 and 1920 and during the Eleven Months (January to November) 1920 and 1921. a.

Animals.	1914.	1919.	1920.	Jan. 1 to Nov. 30, 1920.	Jan. 1 to Nov. 30, 1921.
Bulls	28,000	35,000	39,000	36,000	31,000
Cows	19,000	14,000	15,000	14,000	25,000
Young cattle	20,000	4,000	4,000	4,000	4,000
Buffaloes.....	27,000	25,000	26,000	24,000	28,000
Buffalo calves....	111,000	111,000	124,000	95,000	116,000
Sheep	609,000	483,000	568,000	530,000	715,000
Goats	50,000	66,000	66,000	62,000	71,000
Pigs	9,000	22,000	28,000	25,000	12,000
Camels	13,000	8,000	7,000	6,000	7,000
Horses.....	.....	.....	.....	580	382

(Source: Monthly Agricultural Statistics, Egypt).

CENTRAL EUROPEAN EXCHANGE RATES ON NEW YORK.

Country.	Monetary unit.	Per Cent of par - 1921. May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	1922. Jan.	Feb.	March.
Germany	Reichsmark	6.82	6.06	5.47	4.99	4.02	2.87	1.65	2.21	2.18	2.02	1.50
Austria	Krone	1.28	1.04	.70	.59	.46	.28	.18	.19	.16	.14	.07
Czecho-slovakia	do	7.18	6.93	6.48	6.04	5.73	5.18	5.12	6.17	8.55	9.06	8.56
Hungary	do	2.40	2.01	1.64	1.30	.96	.71	.53	.75	.75	.74	.62
Poland	Polish Mark	.51	.34	.22	.21	.11	.09	.12	.13	.14	.12	.10

(Source: Federal Reserve Bulletin.)

PRICES IN SWITZERLAND.

	March 16, 1922. Francs per 100 kilos. Low.	High.	Cents per bushel. Low.	High.
Summer wheat	65	72	343.5	380.5
" rye	55	65	271.3	320.6
Barley	35	43	148.9	181.8
Oats	35	43	98.7	121.2
	Average 1st half of March.			
Potatoes:				
To merchants (F.O.B. R.R. Station)	15.50		81.9	
Directly to consumer	18.00		95.1	
Potatoes for feed	7.50		39.6	
			Dollars per cwt.	
Beef (cows):				
Live weight	120		10.57	
Dressed weight	240		21.14	

(Source: Schweizer Landwirtschaftliche Marktzeiting).

GREAT BRITAIN.- PRICES OF WHEAT, CORN, BACON AND LARD ON MARCH 25, 1922.

The English Currency has been converted to United States Currency according to the rate of exchange prevailing on March 25, 1921 and 1922.

Commodity and Grade.	Shillings-Pence per unit of quantity.				Cents per unit of quantity.			
	1921.		1922.		1921.		1922.	
	Low.	High.	Low.	High.	Low.	High.	Low.	High.
	Per quarter of 504 pounds.				Per bushel of 60 pounds.			
Wheat:								
English	70 0	96 0	52 0	56 0	163.2	223.9	135.7	146.1
Australian	.. ..	.. ..	60 0	60 0	.....	.....	156.6	157.9
Foreign	88 6	92 9	58 0	63 0	206.4	216.3	151.4	164.4
	Per quarter of 480 pounds.				Per bushel of 56 pounds.			
Corn:								
Argentine	56 0	57 0	43 0	44 0	128.0	130.3	110.0	112.5
American	50 6	53 0	33 6	35 0	115.4	121.1	85.7	89.5
Rumanian	54 0	55 0	.. ..	.. ..	123.4	125.7	.....	.....
South African..	53 0	54 0	39 0	40 0	121.1	123.4	99.7	102.3
	Per cwt. of 112 pounds.				Per pound.			
Bacon:								
Irish (ex-factory)								
Sixes	210 0	215 0	135 0	136 0	36.7	37.6	26.4	26.6
Extra heavy ...	200 0	... ..	126 0	... ..	35.0	.....	24.7	.....
Danish:								
No. 1 sizeable	213 0	... ..	124 0	125 0	37.3	.....	24.3	24.5
Seconds	213 0	... ..	115 0	... ..	37.3	.....	22.5	.....
Swedish:								
No. 1 sizeable	207 0	... ..	110 0	118 0	36.2	.....	21.5	23.1
Seconds	207 0	... ..	... ..	... ..	36.2	.....	....	.....
Dutch:								
No. 1 sizeable	204 0	206 0	112 0	116 0	35.7	36.0	21.9	22.7
Seconds	204 0	206 0	... ..	... ..	35.7	36.0	.....	.....
Canadian:								
Leanest	170 0	... ..	106 0	115 0	29.7	.....	20.7	22.5
Lean	170 0	... ..	106 0	115 0	29.7	.....	20.7	22.5
Stout & Heavy..	130 0	150 0	104 0	112 0	22.7	26.2	20.4	21.7
Seconds	140 0	150 0	95 0	105 0	24.5	26.2	18.6	20.5

GREAT BRITAIN.-PRICES OF WHEAT, CORN, BACON AND LARD ON MARCH 25, 1922,-CONT'D.

Commodity and Grade.	Shillings-Pence per unit of quantity.				Cents per unit of quantity.			
	1921.		1922.		1921.		1922.	
	Low.	High.	Low.	High.	Low.	High.	Low.	High
	Per cwt of 112 Pounds.				Per pounds.			
American Wiltshire sides:								
Leanest	130 0	136 6	100 0	... .	22.7	23.8	19.6	.....
Lean	130 0	136 6	95 0	98 0	22.7	23.8	18.6	19.2
Stout	130 0	136 6	.. ..	.. ..	22.7	23.8	.....	.....
Seconds	130 0	136 6	.. ..	.. ..	22.7	23.8	.....	.....
Cumberland cut	147 6	... ..	102 0	... ..	25.8	....	20.0	.....
" bellies (Eng. cut) ...	167 6	... ..	81 0	84 0	29.3	....	15.9	16.4
Lard:								
Irish bladders	104 0	110 0	68 0	76 0	18.2	19.2	13.3	14.9
" boxes ...	100 0	... ..	62 0	.. ..	17.5	....	12.1	.....
Danish	100 0	108 0	76 0	.. ..	17.5	18.9	14.9	.....
U.S. Pails	94 0	... ..	69 3	.. ..	16.4	....	13.6	.....
U.S. cartons...	.. ..	... ..	69 0	70 0	.....	....	13.5	13.7
U.S. boxes	94 0	... ..	65 0	65 9	16.4	....	12.7	12.9
U.S. tierces...	.. ..	... ..	65 3	.. ..	.....	....	12.8	.....
Dutch.....	.. ..	... ..	65 0	.. ..	.....	....	12.7	.....

(Source: Grocer and Oil Trade Review).

TEA IN NETHERLAND EAST INDIES.

(000 omitted).

	Production.			Exports.		
	1919.	1920.	1921.	1919.	1920.	1921
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pound
Java	93,696	103,616	61,729.	110,772	93,876	67,79
Sumatra	8,818	11,023	8,818	9,368	11,311	9,23

(Source: Board of Trade Journal.)

Note:-Holland is by far the largest market for Java tea, taking nearly 1/3 of the entire exports, while the United Kingdom is the largest market for the Sumatra

CEREAL PRICES IN ARGENTINA FROM 1899 TO 1921.

Years.	Wheat.		Oats.		Corn.		Flaxseed.	
	Low.	High.	Low.	High.	Low.	High.	Low.	High.
	Per Bushels	Per Bushels	Per Bushels	Per Bushels	Per Bushels	Per Bushels	Per Bushels	Per Bushels
1899	$0.61	$0.65	$....	$....	$0.25	$0.35	$0.83	$1.02
1900	0.58	0.77	....	....	0.29	0.53	1.15	1.50
1901	0.72	0.76	....	....	0.38	0.62	1.08	1.61
1902	0.75	0.78	....	....	....	....	1.06	1.58
1903	0.69	0.80	0.22	0.37	0.36	0.50	0.84	1.09
1904	0.69	0.86	0.17	0.35	0.36	0.50	0.73	0.94
1905	0.76	0.87	0.22	0.28	0.44	0.59	0.80	1.14
1906	0.76	0.80	0.25	0.43	0.44	0.54	1.13	1.25
1907	0.72	1.17	0.30	0.40	0.45	0.72	1.07	1.32
1908	0.87	1.07	0.28	0.34	0.54	0.68	1.06	1.27
1909	0.96	1.23	0.29	0.36	0.62	0.67	1.12	1.64
1910	0.89	1.09	0.27	0.33	0.49	0.70	1.64	2.13
1911	0.88	1.07	0.29	0.40	0.52	1.05	1.75	2.13
1912	0.89	1.01	0.31	0.37	0.56	1.15	1.15	1.87
1913	0.88	1.10	0.30	0.40	0.53	0.65	1.11	1.38
1914	0.92	1.24	0.32	0.49	0.44	0.64	0.93	1.49
1915	1.04	1.50	0.30	0.52	0.48	0.64	0.97	1.40
1916	0.81	1.76	0.23	0.58	0.40	1.21	1.10	2.77
1917	1.36	2.32	0.32	0.71	0.70	1.49	1.58	2.75
1918	1.41	1.54	0.31	0.43	0.48	0.80	1.70	2.88
1919	1.19	2.23	0.41	0.63	0.46	1.18	1.89	4.60
1920	1.60	3.21	0.41	0.73	0.66	1.29	1.73	3.52
1921	1.35	2.23	0.43	0.63	0.79	1.25	1.11	2.64

(Source: Boletin Mensual de Estadistica Agricola, of Argentina, January 1922.

Conversions made at par value. One paper peso equals $.4246.

CATTLE INDUSTRY IN URUGUAY.

The condition of Uruguay's cattle industry on January 1, 1922 was 65% below normal according to the opinion of the manager of one of the largest packing houses in Montevideo. The three packing houses are working at about one-half their normal rate and six salting establishments (saladeros) are producing almost their normal volume of jerked beef.

(Source: American Vice Consul, Montevideo, Uruguay).

SPECIAL REPORTS ON FOREIGN CROPS AND MARKETS

The following are some of the principal reports on foreign agricultural crops and markets received during the week in the Foreign Section, Division of Records and Research from American Consular Officers and Agricultural Commissioners in foreign countries. This list of reports is by no means complete and is published primarily with a view to showing the variety and character of information received from foreign countries. Some of the reports will be made the basis for published articles in "Weather, Crops, and Markets" and also in "Foreign Crops and Markets." The reports are also used in connection with answering inquiries on special subjects. As a general rule no extra copies of these reports are availalbe for distribution, but in special cases copies will be supplied upon request.

1. Report on the Raw Cotton Trade and Consumption of Portugal, No. 55469, American Consul at Liston, April 10.

2. Development of the Banana Trade at Hull, No. 55463, American Consul at Hull, England, April 8.

3. Review of the Foreign Trade of Rumania in Agricultural Products, No.55243, American Consul at Bucharest, April 11.

4. Review of the Canadian Milling Industry for 1921, No. 45489, American Consul at Montreal, Quebec.

5. Reports on the Crisis in the Argentine Cattle Industry, No. 50439, American Consul at Buenos Aires, February 2.

6. Report on the South African Dairy Industry, No. 50379, American Consul at Durbun, Natal, South Africa, February 2.

7. Tomato and Canteloupe Shipments from Mexico to the United States, No. 55677, American Consul at Nogales, Sonora, May 1.

8. Monthly Survey of Economic Conditions in China, Report for February, 1922, American Consul General at Shanghai.

9. Report on Agricultural Conditions in Lithuania No. 55068, American Commission at Riga, March 28.

Inquiries regarding FOREIGN CROPS AND MARKETS should be addressed to the Foreign Section, Division of Records and Research, Bureau of Markets and Crop Estimates, Washington, D. C.

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. MAY 17, 1922. NO. 15.

CONTENTS.

SUMMARY OF THE CONTENTS OF THIS NUMBER.

The area sown to winter wheat in European Countries for 1921-22 (page 219) generally shows some decrease compared with 1920-21 with the exception of Poland which shows an increase of 865,000 acres. The area sown to rye is very similar to that of last year with the exception of Poland which shows a large increase of 4,068,000 acres.

SUMMARY OF THE CONTENTS OF THIS NUMBER, - CONTINUED.

The area and production of all crops in Belgium for 1921 (page 220) compares favorably with that of the pre-war average 1909-1913 with the exception of potatoes which show a large decrease the production being 71,534,000 bushels in 1921 compared with 107,021,000 bushels for the pre-war average. The production in France for 1921 is nearly equal to that of 1913.

The area and production of peas in the principal countries where grown is shown on pages 221-222. The world consumption of cotton by countries showing the total amount of cotton consumed and also the amount of American cotton consumed is shown on pages 223 and 224.

The imports of grains, meats and cotton into the United Kingdom from all countries and the United States (page 225) show that the amount of United States produce shipped to the United Kingdom is large. The amount of beet sugar produced in Sweden (page 226) has shown a steady increase being 257,938 short tons in 1921 compared with 151,132 tons in 1913.

The number of cattle, and swine slaughtered in Canada (page 229) show a decrease in 1920 and 1921 compared with 1917 to 1919. The number of sheep slaughtered shows increase. The amount of meat consumed per capita in Belgium (page 231) was 56.2 in 1920 compared with 89.5 pounds in 1912.

AREA OF WINTER CEREALS.

Country.	Barley.		Oats.	
	1920-21.	1921-22.	1920-21.	1921-22.
	Acres.	Acres.	Acres.	Acres.
Belgium	76,700	38,300	.....	.....
Bulgaria	413,800	363,000	11,200	15,000
Spain	3,883,700	3,526,600	1,048,400	804,200
France	365,700	356,200	1,848,700	1,737,300
Czechoslovakia	27,200	16,900	.....	.....
Algeria	2,519,300	a 1,556,800	554,000	a 108,700
Tunis	988,400	1,062,600	148,300	135,900

(Source: International Institute of Agriculture.)

a. Excludes the Department of Oran.

AREA OF WINTER CEREALS.

Country:	Wheat.		Rye.	
	1920-21.	1921-22.	1920-21.	1921-22.
	Acres.	Acres.	Acres.	Acres.
Belgium	305,000	337,000	556,000	543,000
Bulgaria	2,481,000	1,819,000	404,000	401,000
Spain	9,902,000	9,922,000	1,759,000	1,737,000
Finland	20,000	20,000	605,000	613,000
France	12,444,000	11,860,000	2,162,000	2,056,000
Poland	1,569,000	2,434,000	6,872,000	10,940,000
Romania	4,647,000	3,598,000	500,000	404,000
Czechoslovakia	1,428,000	1,407,000	2,209,000	2,114,000
British India	24,502,000	28,012,000	.....	.....
Algeria a	1,955,000	1,383,000	.....	.....
Tunis	1,236,000	1,285,000	.....	.....

(Source: International Institute of Agriculture).

a. Excludes Department of Oran.

CROP PRODUCTION IN FRANCE, 1913, 1919-1921.

Crop.	1913.	1919.	1920.	1921.
	Bushels.	Bushels.	Bushels.	Bushels.
Wheat	41,138,000	23,455,000	28,480,000	40,657,000
Rye	4,216,000	2,502,000	3,503,000	3,969,000
Maslin	593,000	321,000	274,000	465,000
Barley	4,840,000	2,136,000	2,991,000	3,141,000
Oats	34,885,000	15,856,000	25,581,000	23,079,000

(Source: "Bulletin Officiel" quoted by Vice-Consul at Lyon, France).

ORANGES IN SPAIN.

The 1921-22 crop of sour oranges in the provinces of Seville and Cordoba will be some 31,000,000 pounds and about 23,000,000 pounds of this will be exported. (Source: Canadian Grocer).

AREA AND PRODUCTION OF PRINCIPAL CROPS IN BELGIUM 1909-1913 (AVERAGE), 1919, 1920 AND 1921.

Crops.	Area (000 omitted).				Production (000 omitted).			
	Average, 1909-1913.	1919.	1920.	1921.	Average 1909-1913.	1919.	1920.	1921.
	Acres.	Acres.	Acres.	Acres.	Bushels.	Bushels.	Bushels.	Bushels.
Wheat	395	343	306	343	14,583	10,565	10,274	14,495
Spelt	43	44	44	43	1,997	1,615	1,802	2,257
Maslin	23	20	19	18	698	543	501	593
Rye	644	523	523	559	22,675	14,505	18,168	21,273
Barley:								
Winter	85	70	82	86	( )	3,205	4,036	4,736
Summer		8	9	10	(4,247)	244	315	381
Oats	644	561	586	603	40,905	27,360	33,865	35,225
Buckwheat	5	9	6	4	118	167	118	54
Beans	21	45	40	40	604	1,188	1,360	1,034
Peas	12	16	15	13	390	419	407	374
Potatoes	390	388	366	419	107,021	103,930	82,912	71,534
Flax:								
Seed	50	54	125	37	443	475	862	328
					Pounds.	Pounds.	Pounds.	Pounds.
Fiber					46,487	47,879	152,831	20,027
Rapeseed	2	4	3	3	3,040	5,201	5,245	4,318
Tobacco	10	17	7	7	20,741	35,052	13,485	10,190
Hops	6	3	4	4	7,096	3,180	5,038	3,722
Chickory	21	17	22	13	589,288	454,300	650,258	318,160
					S. Tons.	S. Tons.	S. Tons.	S. Tons
Sugar beets	142	106	131	143	1,720	1,207	1,585	1,613
Fodder beets	173	166	175	184	4,285	3,396	4,199	2,945
Carrots	4	6	4	4	52	60	47	30
Turnips and Rutabagas	11	21	19	18	259	278	313	130
Clover	320	307	317	321	932	904	1,068	827
Lucerne	36	24	25	24	93	52	57	4
Sainfoin	14	11	10	10	27	17	17	1
Meadows for Mowing	571	573	582	571	.....	.....	.....	...
Hay	...	...	....	....	964	893	1,011	686
Rye grass	32	24	23	24	58	37	36	26

(Source: Repartition et Rendement des Cultures.)

AREA OF PEAS IN UNDERMENTIONED COUNTRIES, 1909-1913, 1918, 1919, 1920.

(000 omitted).

Country.	Average, a 1909-1913.	1918.	1919.	1920.
NORTHERN HEMISPHERE	Acres.	Acres.	Acres.	Acres.
United States ....b...	.....	.....	.....	.....
Canada	304	235	231	186
Austria	.....	4	c 4	.....
Croatia-Slavonia f	12	.....	.....	.....
Belgium	12	.....	.....	.....
France	e f 73	33	24	.....
Hungary d f	32	.....	.....	.....
Luxemburg d	2	.....	.....	.....
Netherlands	65	88	c 80	.....
Poland	383	.....	g h 141	139
Russia proper f	2,628	.....	.....	.....
Rumania	f e 42	.....	16	.....
Northern Caucasis f ...	11	.....	.....	.....
Spain	1,071	c 941	.....	.....
Sweden	47	89	96	94
United Kingdom l.....	154	i 130	i 135	.....
Japan	91	169	.....	.....
Russia (9 Governments)	94	.....	.....	.....
SOUTHERN HEMISPHERE.	Average, a 1908-1909-1912-1913.	1917-18.	1918-19.	1919-20.
	Acres.	Acres.	Acres.	Acres.
Chile	e 26	c 26	.....	.....
Australia	j	k 43	57	.....
New Zealand	16	.....	18	14

(Compiled from official sources).

a. Five-year average except in a few cases where statistics were unavailable.
b. Not separately stated.
c. Unofficial.
d. Includes lentils.
e. Includes chick-peas, lentils and vetches.
f. Old boundaries.
g. Includes beans and vetches.
h. Former Russian Poland, Western Galicia and Posen.
i. Includes beans in Ireland.
j. Included under beans.
k. Includes beans.

PEAS,-CONT'D.

PRODUCTION OF PEAS IN UNDERMENTIONED COUNTRIES, 1909-1913, 1918, 1919, 1920.

(000 omitted).

Country,	Average, a 1909-1913.	1918.	1919.	1920.
NORTHERN HEMISPHERE	Bushels.	Bushels.	Bushels.	Bushels.
United States b	.....	.....	.....	.....
Canada	5,097	4,313	3,406	3,528
Austria	.....	50	c 59	.....
Croatia-Slavonia d	159	.....	.....	.....
Belgium	390	.....	.....	.....
France	d e 1,380	464	515	.....
Hungary d f	427	.....	.....	.....
Italy	3,829	.....	456	625
Luxemburg f	34	.....	.....	.....
Netherlands	1,581	2,932	.....	.....
Poland	5,423	.....	g h 1,802	1,796
Rumania	d f 675	.....	247	.....
Russia proper d	27,973	.....	.....	.....
Northern Caucasis d	89	.....	.....	.....
Spain	10,402	c 8,143	.....	.....
Sweden	1,227	1,854	2,127	2,094
United Kingdom	4,010	3,525	.....	.....
Japan	1,804	2,736	.....	.....
Russia (9 Governments)	794	.....	.....	.....
SOUTHERN HEMISPHERE.	Average, a 1908-1909-1912-1913.	1917-18.	1918-19.	1919-20.
	Bushels.	Bushels.	Bushels.	Bushels.
Chile	e 387	c 544	c 536	c 429
Australia	i	j 744	815	.....
New Zealand	507	313	506	369

(Compiled from official sources).

a. Five-year average except in a few cases where statistics were unavailable.
b. Not separately stated.
c. Unofficial.
d. Old boundaries.
e. Includes chick-peas, lentils and vetches.
f. Includes lentils.
g. Includes beans and vetches.
h. Former Russian Poland, Western Galicia and Posen.
i. Included under beans.
j. Includes beans.

WORLD CONSUMPTION OF COTTON.

(Running bales).

The figures for each country represent its total consumption of all kinds including American.

Country.	Half-year ending -			Year ending.	
	Jan. 31, 1921.	July 31, 1921.	Jan. 31, 1922.	August 31, 1913.	July 31, 1920.
Great Britain	1,197,075	630,230	1,247,464	3,825,153	3,185,314
American	995,084	520,393	1,003,772	3,281,569	2,620,785
France	316,231	251,935	326,482	986,682	629,819
American	251,368	205,217	262,225	787,594	514,072
Germany	393,080	457,257	534,905	1,701,893	484,911
American	265,038	344,401	405,896	1,292,733	355,977
Russia	a 520,750	no data	367,000	1,597,267	no data
American	.....	" "	500	249,178	" "
Italy	393,967	289,044	336,052	743,950	670,702
American	277,812	205,799	236,228	537,917	497,203
Czechoslovakia	94,937	114,313	158,495	b 837,065	97,877
American	76,726	90,902	131,956	b 626,704	85,980
Spain	180,570	117,529	136,613	329,109	390,000
American	138,000	85,962	114,071	261,611	305,000
Belgium	114,148	82,286	121,945	257,378	234,906
American	62,725	42,710	67,091	171,010	158,977
Switzerland	41,923	35,575	41,620	89,327	79,514
American	28,824	22,957	25,420	58,883	53,987
Poland	9,503	29,954	39,400	309,681	8,184
American	7,187	21,186	31,274	93,384	6,258
Austria	26,750	44,176	59,146	c	no data
American	13,182	29,282	44,545	c	" "
Netherlands	53,363	53,140	56,082	84,809	107,975
American	38,421	40,659	43,423	67,713	84,468
Sweden	32,783	22,922	32,695	82,433	70,657
American	31,308	22,165	31,538	78,465	69,023
Portugal	14,612	9,231	8,485	73,637	67,491
American	6,970	9,007	3,818	59,125	53,361
Finland	14,960	13,982	18,559	34,814	26,257
American	14,877	13,825	18,426	34,324	25,953
Denmark	8,154	3,209	9,947	25,512	23,516
American	8,034	3,024	9,717	24,549	23,493
Norway	4,294	2,860	3,169	11,499	10,269
American	4,164	2,550	3,011	9,416	10,142
India	935,490	904,181	945,779	1,698,428	1,695,365
American	597	21,330	28,763	73,528	390
Japan	900,999	971,654	1,019,794	1,580,782	2,083,433
American	273,249	274,544	334,983	423,131	708,794

WORLD CONSUMPTION OF COTTON,-CONT'D.

(Running bales).

Country.	Half-year ending -			Year ending.	
	Jan. 31, 1921.	July 31, 1921.	Jan. 31, 1922.	August 31, 1913.	July 31, 1920.
China	no data	467,886	532,257	no data	690,398
American	" "	20,804	71,970	" "	.....
United States	2,320,000	2,540,000	3,003,000	5,483,321	6,419,734
American	2,221,000	2,451,000	2,855,000	5,250,392	6,002,993
Canada	71,457	61,213	68,752	107,817	118,446
American	68,880	60,998	68,102	107,361	118,446
Mexico d	18,486	17,544	19,664	46,670	44,321
American	1,377	11,337	11,897	3,342	320
Brazil	49,156	228,832	226,908	182,526	75,552
American	.....	.....	.....	.....	.....
Other countries	7,758	8,259	8,000	.....	16,700
American	.....	900	.....	.....	.....
Total e	7,720,000	7,357,000	9,322,000	20,090,000	17,231,000
American	4,785,000	4,501,000	5,804,000	13,492,000	11,696,000

(Source: International Federation of Master Cotton Spinner Association).

a. Russian cotton in bales of 270 to 290 pounds.
b. Including Austria.
c. See note of Czechoslovakia.
d. Ending 15th of the respective month.
e. The totals for August 31, 1913 and July 31, 1920 were obtained by addition.

COFFEE PRODUCTION IN GUATEMALA.

Year.	Exports.		Year.	Exports.	
	Clean.	Parchment.		Clean.	Parchment
	Pounds.	Pounds.		Pounds.	Pounds.
1910	111,812,000	43,368,000	1916	187,517,000	6,649,0
1911	133,730,000	46,207,000	1917	196,833,000	3,109,0
1912	31,591,000	134,122,000	1918	171,612,000	1,128,0
1913	155,973,000	46,254,000	1919	196,833,000	1,058,0
1914	156,828,000	33,068,000	1920	204,911,000	2,774,0
1915	153,549,000	21,808,000	1921	203,282,000	3,631,0

(Source: American Consul - Guatemala City).

IMPORTS OF GRAINS, MEATS AND COTTON INTO THE UNITED KINGDOM FROM ALL COUNTRIES AND THE UNITED STATES FOR MARCH 1921 AND 1922 AND ACCUMULATIONS FOR 1921 AND 1922.

Commodity.	Unit.	March. 1921.	March, 1922.	3 Months ended March 1921.	3 Months ended March 1922.
Wheat, Total .	Bushels	9,750,000	22,367,000	22,370,000	39,850,000
From the U. S.	"	4,840,000	7,013,000	10,930,000	17,319,000
Wheat Flour, Total	Barrels	689,000	754,000	1,748,000	1,683,000
From the U. S.	"	321,000	351,000	616,000	680,000
Corn, Total ..	Bushels	4,751,000	9,255,000	13,072,000	17,998,000
From the U. S.	"	2,628,000	6,223,000	4,992,000	11,336,000
Barley, Total	"	2,909,000	1,413,000	7,202,000	3,936,000
From the U. S.	"	2,227,000	889,000	5,400,000	2,337,000
Oats, Total ..	"	2,174,000	3,424,000	5,509,000	6,673,000
From the U. S.	"	166,000	389,000	642,000	983,000
Bacon, Total .	Pounds	42,133,000	66,618,000	143,413,000	162,084,000
From the U. S.	"	24,578,000	32,959,000	61,942,000	79,135,000
Hams, Total	"	4,085,000	17,149,000	10,564,000	39,999,000
From the U. S.	"	3,806,000	16,146,000	9,801,000	37,007,000
Lard, Total	"	1,582,000	1,089,000	3,544,000	3,265,000
From the U. S.	"	1,402,000	1,061,000	2,953,000	3,185,000
Cotton, Total	500-lbs.	122,000	165,000	584,000	634,000
From the U. S.	Bales.	82,000	88,000	436,000	370,000

(Source: The British Governments Monthly Accounts Relating to Trade and Navigation).

POULTRY IN CANADA 1920 AND 1921.

Date.	Chickens.	Turkeys.	Ducks.	Geese.
	Number.	Number.	Number.	Number.
1920	28,287,000	806,000	651,000	762,000
1921	34,340,000	1,199,000	762,000	880,000

(Source: Monthly Bulletin of Agricultural Statistics, Canada.)

SWEDEN: - BEET SUGAR, 1908-1921.

Year.	Area in Sugar Beets.	Production of Raw Sugar.	Year.	Area in Sugar Beets.	Production of Raw Sugar.
	Acres.	Tons. (2000 lbs.)		Acres.	Tons. (2000 lbs.)
1908	79,255	150,678	1915	79,942	140,380
1909	82,677	139,190	1916	91,847	151,451
1910	86,816	181,713	1917	79,028	144,429
1911	71,787	140,409	1918	75,408	140,507
1912	66,944	145,461	1919	87,029	140,536
1913	71,264	151,132	1920	112,151	159,841
1914	80,209	169,880	1921	120,016	257,938

(Source: Die Deutsche Zuckerindustrie.

APICULTURE IN CZECHOSLOVAKIA, 1920.

Section.	Beehives.	Production.	
		Honey.	Beeswax.
	Number.	Pounds.	Pounds.
Bohemia	181,142	1,087,000	61,000
Moravia	89,356	266,000	25,000
Silesia	17,027	49,000	6,000
Slovakia	90,669	1,223,000	119,000
Russinia	11,699	183,000	22,000
Total	389,893	2,808,000	233,000

(Source: American Consul at Prague, Czechoslovakia).

COPN PRODUCTION IN MEXICO.

The corn production in Mexico for 1921 amounted to 71,005,000 bushels while the estimated consumption of corn, annually is about 59,000,000. Owing to inadequat transportation facilities, corn is very plentiful in some districts and scarce in others.

(Source: Americal Consul, Coahuila, Mexico).

COFFEE, WORLD'S PRODUCTION.

(000 omitted).

Season.	Brazil.	Other Countries.	Total.
	Pounds.	Pounds.	Pounds.
1910-11	1,395,000	526,000	1,921,000
1911-12	1,652,000	650,000	2,302,000
1912-13	1,516,000	650,000	2,166,000
1913-14	1,828,000	767,000	2,594,000
1914-15	1,702,000	664,000	2,366,000
1915-16	1,983,000	630,000	2,613,000
1916-17	1,602,000	606,000	2,208,000
1917-18	2,001,000	492,000	2,493,000
1918-19	1,209,000	595,000	1,937,000
1919-20	1,243,000	608,000	1,852,000
1920-21	1,495,000	635,000	2,116,000

(Source: Brazilian Cotton, Pearse, Arno S.)

The coffee consumption of the world reached its highest figure in 1914-15 with 2,828,000,000 pounds.

TOBACCO IN BRAZIL.

Tobacco is one of the chief exports. The State of Bahia alone exported in 1919, 84,000,000 pounds. This amount, however, decreased to 62,000,000 pounds in 1920. Rio Grand do Sul is the next largest exporting State with an average of 4,000,000 pounds.

The largest buyer of Brazilian tobacco before the war was Germany who in 1912 purchased 42,000,000 pounds, or about two-thirds of the crop.

(Source: Brazilian Cotton, Pearse, Arno 3.)

COCOA, EXPORTS FROM BRAZIL (BAHIA).

Shipments of cocoa from Bahia, Brazil, for 1921 amounted to 88,730,000 pounds, as compared with 19,127,000 during 1919 and 108,583,000 in 1920. The United States, the principal buyer took 40,273,000 of the 1921 crop, against 53,090,000 in 1920, and 3,551,000 in 1919. Germany, the chief distributing point in Europe was second with 21,080,000 against 14,018,000 in 1920 and 330,000 in 1919.

(Source: Canadian Grocer).

EXPORTS OF NATURAL PHOSPHATES FROM TUNIS, 1913, 1919, 1920, 1921.

According to the "Echo des Mines et de la Metallurgie" Tunis has exported the following quantities of natural phosphates:

Year.	Short Tons.	Year.	Short Tons.
1913	2,187,000	1920	992,000
1919	899,000	1921	1,604,000

The two principal buyers of Tunisian phosphates are France and Italy; the exportation by countries of destination for 1921 is as follows:

Country.	Short Tons.	Country.	Short Tons.
France	635,000	Holland	43,000
Italy	576,000	Portugal	29,000
England	93,000	Japan	25,000
Belgium	80,000	Denmark	7,000
Germany	59,000	Sweden	3,000
Spain	51,000	Austria	3,000

(Source: Les Mercuriales Agricoles, Belgium).

FRANCE AND CORSICA, - SERICULTURE, 1910-1921.

Years.	Number of growers.	Production of eggs,	Production of fre cocoons.
		Ounces.	Pounds.
1910	114,283	178,719	9,413,000
1911	102,605	141,724	11,264,241
1912	99,360	132,534	13,841,590
1913	90,517	126,678	9,751,047
1914	83,825	108,943	11,171,572
1915	43,327	49,132	3,832,706
1916	52,758	61,765	6,217,054
1917	55,963	61,211	5,653,891
1918	60,057	67,136	6,636,816
1919	52,401	57,075	5,118,083
1920	65,946	73,231	7,122,249
1921	.....	.....	5,564,739

(Source: "Bulletin Officiel", quoted by Vice-Consul

NUMBERS OF CATTLE, SHEEP AND SWINE SLAUGHTERED IN CANADA DURING THE CALANDER YEARS, 1913-1920 (IN INSPECTED ESTABLISHMENTS).

Year	Cattle	Sheep	Swine
	Number	Number	Number
1913	545,124	499,905	1,664,650
1914	511,144	453,618	2,255,429
1915	530,502	398,051	2,616,461
1916	645,342	415,376	2,319,478
1917	726,693	343,360	2,083,516
1918	881,893	378,054	2,271,639
1919	947,015	613,460	2,331,876
1920	831,701	662,763	1,785,235
1921	715,302	.....	1,636,299

(Source: Live Stock and Animal Products Statistics 1909-1919, 1920, Dominion Bureau of Statistics, Pages 42-47, 1920 page 29. 1921 - W. Sanford's Evans Statistical Service, Winnipeg, Canada.)

SLAUGHTERINGS IN PACKING HOUSES AND ABATTOIRS IN CANADA, INDUSTRIAL CENSUS, 1917, 1918 and 1919.

Number of Plants and Year	Cattle Slaughterings		Calves Slaughtered	
	Quantity	Value	Quantity	Value
	Pounds	Dollars	Pounds	Dollars
79 plants, 1917 a	341,169,618	46,029,619	10,536,927	1,520,359
78 plants, 1918 a	331,631,746	59,692,005	11,519,090	2,129,589
82 plants, 1919	325,455,467	57,587,768	21,542,009	3,711,071

Number of plants and Years	Sheep Slaughterings		Hog Slaughterings	
	Quantity	Value	Quantity	Value
	Pounds	Dollars	Pounds	Dollars
79 plants, 1917 a	15,680,717	3,320,385	330,168,511	63,230,997
78 plants, 1918 a	15,916,268	4,585,109	326,319,669	82,509,408
82 plants, 1919	23,130,019	5,303,381	334,882,980	87,868,701

(Sources: Live Stock and Animal Products Statistics 1909-1919, Dominion Bureau of Statistics, Pages 48-51.
Live Stock and Animal Products Statistics 1920, Dominion Bureau of Statistics, pages 30-31).

a. This includes all slaughtering and meat packing establishments inspected and uninspected with the exception of small local butchers.

OUTPUT OF PACKING HOUSES AND ABATTOIRS IN CANADA, 1917, 1918 AND 1919.

Number of Plants and Year	Beef, Fresh		Beef, Cured		Veal	
	Quantity	Value	Quantity	Value	Quantity	Value
	Pounds	Dollars	Pounds	Dollars	Pounds	Dollars
79 plants, 1917 a	375,383,923	54,009,767	6,693,412	993,498	9,089,956	1,501,642
78 plants, 1918 a	335,196,288	65,149,337	4,969,609	1,034,397	10,049,360	2,136,138
82 plants, 1919	317,467,956	57,581,831	12,105,182	2,203,225	20,309,526	3,698,402

Number of Plants and Year	Pork, Fresh		Pork, Salted	
	Quantity	Value	Quantity	Value
	Pounds	Dollars	Pounds	Dollars
79 plants, 1917 a	81,962,707	18,876,679	40,930,979	9,906,729
78 plants, 1918 a	61,694,723	15,528,827	56,495,108	17,070,441
82 plants, 1919	53,343,432	14,776,888	90,379,798	27,659,867

Number of Plants and Year	Hams, Shoulders, Bacon and Sides		Mutton and Lamb	
	Quantity	Value	Quantity	Value
	Pounds	Dollars	Pounds	Dollars
79 plants, 1917 a	286,215,248	44,056,790	16,890,624	3,780,271
78 plants, 1918 a	199,148,182	65,063,239	21,344,753	4,807,167
82 plants, 1919	178,200,192	62,072,267	22,553,283	5,068,615

(Sources: Live Stock and Animal Products Statistics, 1909-1919, Dominion Bureau of Statistics.
Live Stock and Animal Products Statistics, 1920, Dominion Bureau of Statistics.)

a. This includes all slaughtered and meat packing establishments inspected and uninspected with the exception of small local butchers.

STATISTICS OF THE CONSUMPTION OF FRESH AND FROZEN MEAT IN BELGIUM DURING 1919 AND 1920

	Cattle	Swine	Sheep	Goats	Horses
	Pounds	Pounds	Pounds	Pounds	Pounds
1919					
Fresh	159,563,183	95,392,486	7,013,827	1,003,827	22,279,388
Frozen	3,285,394	.....	.....	.....	.....
Total	162,848,577	95,392,486	7,013,827	1,003,827	22,279,388
1920					
Fresh	152,387,633	168,074,050	6,500,453	1,047,453	21,767,687
Frozen	72,535,754	.....	5,195,089	.....	.....
Total	224,923,387	168,074,050	11,695,542	1,047,932	21,767,687

(Source: Ministere de l'Agriculture, No. 3 Consommation de Viande de Boucherie Annee 1919 et 1920).

Statistics of the Consumption of Fresh and Frozen meat in Belgium during the years, 1912, 1919 and 1920.

1912		1919		1920	
Meat consumed	Per capita	Meat consumed	Per capita	Meat consumed	Per capita
Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
677,023,436	89.5	288,537,645	38.1	427,508,598	56.2

(Source: Ministere de L'Agriculture, Belgium, No. 3 Consummation de Viande de Boucherie: 1919-1920.)

NUMBER OF POULTRY IN SWEDEN IN UNDERMENTIONED YEARS.

Date	Chicken	Ducks	Turkeys	Geese
June 1, 1917	6,035,000	23,000	5,000	17,000
June 1, 1918	4,775,000	15,000	4,000	18,000
June 1, 1919	4,829,000	17,000	4,000	21,000

(Source: Statistisk Arsbok for Sverige, 1921.)

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON APRIL 1, 1921 AND 1922.

The English Currency has been converted to United States Currency according to the exchange rate prevailing on April 1, 1921 and 1922.

Commodity and Grade	Shillings-Pence per unit of measure				Dollars per unit of measure			
	1921		1922		1921		1922	
	Low	High	Low	High	Low	High	Low	High
	Per quarter of 504 pounds				Per bushel of 60 pounds			
Wheat:								
English	70/0	96/0	52/0	56/0	1.64	2.24	1.35	1.46
Australian	....	....	60/0	60/6	....	....	1.56	1.58
Foreign	83/6	92/9	56/6	64/6	2.07	2.17	1.47	1.68
	Per quarter of 480 pounds				Per bushel of 56 pounds			
Corn:								
Argentine	57/0	58/0	42/6	43/6	1.31	1.33	1.09	1.11
American	50/6	53/0	33/0	34/0	1.16	1.21	.84	.87
Rumania	56/0	57/0	....	....	1.28	1.31	....	....
South African	57/0	58/0	37/0	39/0	1.31	1.33	.94	1.00
	Per cwt. of 112 pounds				Cents Per pound			
Bacon:								
Irish (ex-factory):								
Sixes	210/0	215/0	137/0	139/0	36.8	37.7	26.8	27.2
Extra heavy	200/0	.....	129/0	135/0	35.1	....	25.2	26.4
Danish:								
No. 1 sizeable	213/0	.....	130/0	.....	37.4	....	25.4	....
Seconds	213/0	.....	120/0	123/0	37.4	....	23.4	24.0
Swedish:								
No. 1 sizable	207/0	.....	120/0	125/0	36.3	....	23.4	24.4
Seconds	207/0	.....	.....	.....	36.3	....	....	....
Dutch:								
No. 1 sizeable	204/0	206/0	112/0	116/0	35.8	36.1	21.9	22.7
Seconds	204/0	206/0	.....	.....	35.8	36.1	....	....
Canadian:								
Leanest	165/0	170/0	108/0	115/0	28.9	29.8	21.1	22.3
Lean	165/0	170/0	108/0	115/0	28.9	29.8	21.1	22.5
Stout & heavy	120/0	145/0	106/0	112/0	21.0	25.4	20.7	21.9
Seconds	110/0	140/0	104/0	105/0	19.3	24.6	20.3	20.5
American Wiltshire sides:								
Leanest	130/0	135/0	97/0	105/0	22.8	23.7	19.0	20.3
Lean	130/0	135/0	95/0	102/0	22.8	23.7	18.6	19.9
Stout	130/0	135/0	.....	.....	22.8	23.7	....	...
Seconds	130/0	135/0	.....	.....	22.8	23.7	....	...

Great Britain:- Prices of Wheat, Corn, Bacon and Lard on April 1, 1921 and 1922. - Cont'd.

Commodity and Grade	Shillings-Pence per unit of measure				Cents per unit of measure			
	1921		1922		1921		1922	
	Low	High	Low	High	Low	High	Low	High
	Per cwt. of 112 pounds				Per pound			
Bacon,-Cont'd.								
American Wiltshire:								
Sides:								
Cumberland cut	130/0	135/0	98/0	....	22.8	23.7	19.1	....
" bellies:								
(Eng. cut)	130/0	.....	76/0	78/0	22.8	....	14.8	15.2
Lard:								
Irish bladders	104/0	110/0	68/0	76/0	18.2	19.3	13.3	14.8
" boxes ...	100/0	.....	67/0	....	17.5	....	13.1	....
Danish	84/0	90/0	68/0	70/0	14.7	15.8	13.3	13.7
U. S. pails ...	84/0	86/0	69/0	70/0	14.7	15.1	13.5	13.7
U. S. cartons	....	....	69/0	70/0	....	....	13.5	13.7
U. S. boxes ...	84/0	86/0	65/6	66/0	14.7	15.1	12.8	12.9
U. S. tierces .	....	....	65/0	....	....	....	12.7	....
Dutch	....	....	64/0	65/0	....	....	12.5	12.7

(Source. Grocer and Oil Trade Review).

RUBBER, WORLD'S PRODUCTION.

Year	Production		Year	Production	
	Brazil	World Total		Brazil	World Total
	Short Tons	Short Tons		Short Tons	Short Tons
1910	45,696	78,960	1916	40,880	225,790
1911	42,258	84,167	1917	44,094	297,582
1912	47,499	110,799	1918	34,384	332,168
1913	44,094	121,453	1919	38,399	366,083
1914	41,440	134,826	1920	34,485	384,979
1915	41,686	177,746	1921	22,217	319,919

(Source: Wileman's Brazilian Review).

SUMMARY STATEMENT OF WAGE RATES AGREED BY LOCAL CONCILIATION COMMITTEES IN ENGLAND.

(Information received up to 29th of October, 1921).

Name of Committee	Period of Agreement (From Oct. 1)	Rate per hour in English Money	Rate per hour in U. S. Money	Overtime in English Money		Overtime in U. S. Money	
				Week Days	Sundays	Week Days	Sundays
Anglesey & Carnarvon	to Nov. 13	Old rate continued	....	....	....	....	....
Denbigh and Flint	to Nov. 5	"	....	....	....	....	....
		Pence					
Durham	to Feb. 28 1922	10.7d.	$0.17	....	....	....	....
Cornwall	to Dec. 31	9.7d	.16	....	....	....	....
Herts	to Dec. 31	9.6d in Oct. 5	.16	....	....	....	....
		9.5d in Nov.	.16	....	....	....	....
York N. Riding	to Nov. 30	9.6d	.16	1s	1/2d	.196	.229
Stafford	to Jan. 29 1922	9.5d	.16	....	1s	....	.196
Surrey	to Jan. 31 1922	9.5d	.16	11d	1s	.180	.196
Shropshire	to Dec. 31	9.5d	.16	11d	1s	.180	.196
Cumb. & Westd.	to Feb. 2 1922	9.4d winter	.15	....	....	....	....
Leicester & Rutland	to Oct. 31	9.4d	.15	10d	1s	.163	.196
Soke of Peterborough	to Nov. 30	8.9d in Oct.	.15	10d	....	.163	....
		9.25d in Nov.	.15	....	....	....	....
Devon	to Dec. 3	9.1d	.15	....	....	....	....
Kent	to Dec. 31	9.1d	.15	9½d	....	.155	....
Brecon & Radnor	to Nov. 30	9.1d	.15	9½d	....	.155	....
				10d		.163	
Northants	to Dec. 31	9.1d	.15	10d	1s	.163	.196
Cambridge (South)	to Dec. 2	9d	.15	....	....	....	....
Oxford	to Dec. 31	9d	.15	1-1/4 time	1-½ time	....	....
Worcestershire	to Mar. 1 1922	9d	.15	....	....	....	....
Norfolk	to Dec. 31	8.6d	.14	....	....	....	....
		9d	.15	....	....	....	....
Yorke E. Riding	to Nov. 26	8.5d	.14	....	....	....	....

(Source: Direct Reports of the Conciliation Committees, received from the United States Agricultural Commissioner in London

English Currency was converted to United States Currency at rate of exchange prevailing on Nov. 1, 1921.

THE AGRICULTURAL WAGES BOARD AND THE CONCILIATION COMMITTEES IN ENGLAND.

The Agricultural Wages Board was established in England under the Corn Production Act of 1917 and remained in operation until October, 1921, when it was supplanted by certain quasi-statutory Conciliation Committees.

Under the Wages Board the general minimum wage rates have been successively fixed as follows:

Adult Male Workers.

Date	Rate in English Money	Rate in U. S. Money	Age	Hours	
				Summer	Winter
	s - d				
May-Oct, 1918 a	30/0	$7.30	18	54	48
May 1919	36/6	8.70	21	54	48
Oct. 1919	36/6	7.65	21	50	48
April 1920	42/0	8.27	21	50	48
Aug. 1920	46/0	8.56	21	50	48
Sept. 1921	42/0	7.77	21	50	48

Adult Female Workers.

Date	Rate per hour in English Money	Rate per hour in U. S. Money	Age
Oct. 1918	5d	$0.101	18
July 1919	6d	0.115	18
May 1920	7d	0.112	18
March 1921	8d	0.130	18
Sept. 1921	7d	0.108	18

(Source: Wages Board Gazette).

The English Currency has been converted to United States at the rate of exchange prevailing on or near the first of month given.

a Rate of exchange on July 1, 1918.

SPECIAL REPORTS ON FOREIGN CROPS AND MARKETS

The following are some of the principal reports on foreign agricultural crops and markets received during the week in the Foreign Section, Division of Records and Research from American Consular Officers and Agricultural Commissioners in foreign countries. This list of reports is by no means complete and is published primarily with a view to showing the variety and character of information received from foreign countries. Some of the reports will be made the basis for published articles in "Weather, Crops, and Markets" and also in "Foreign Crops and Markets." The reports are also used in connection with answering inquiries on special subjects. As a general rule no extra copies of these reports are available for distribution, but in special cases copies will be supplied upon request.

1. Reports Pertaining to the Live Stock Markets in the Matamoros, San Luis Potosi, and Aguascalientes Consular Districts in Mexico, Nos. 55171, 56151, and 55941 by American Consuls at the posts mentioned.

2. A Review of the Belgian Meat Situation No. 56160, American Consul at Antwerp, Belgium, April 21, 1922.

3. Report Showing the Amount of Grain Inspected in the Western Grain Inspection Division of Canada During the Period from 1902 to 1922, No. 56276, American Consul at Ontario, Canada, May 5, 1922.

4. Report of Finland's Dairy Industry in 1921, No. 56285, American Consul at Helsingfors, Finland, April 10, 1922.

5. Possibilities in the Development of an Export Fruit Industry in Haiti, No. 56376, American Consul at Cape Haitien, Haiti, April 26, 1922.

6. Finland's Textile Industries in 1921, No. 56287, American Consul at Helsingfors, Finland, April 17, 1922.

7. Cotton Growing in Brazil, No. 56299, American Consul at Rio de Janeiro, April 13, 1922.

8. Canary Tomatoes and the American Market, No. 56016, American Consul At Teneriffe, Canary Islands, March 29, 1922.

Inquiries regarding FOREIGN CROPS AND MARKETS should be addressed to the Foreign Section, Division of Records and Research, Bureau of Markets and Crop Estimates, Washington, D. C.

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. MAY 24, 1922. NO. 16.

CONTENTS.

RESUME OF THE CONTENTS OF THIS NUMBER.

The cold wet spring is unfavorable to the spring seeding of cereals in Western Europe. Fall sown wheat and rye are making slow growth but are generally up to the average except in France where the condition is below average. The area of winter wheat for 1921-22 is nearly equal to that of last year while that of rye shows some increase. This increase occurs mainly in Poland where the area sown is 10,940,000 acres compared with 6,872,000 for last year. Prospects for the spring crop in Russia are more favorable than for recent years.

Weather conditions are favorable in Argentina for the preparation of the soil and commencement of the sowing of the 1922-23 crop. Beneficial rains have also occurred in Australia and greatly facilitated plowing.

RESUME OF THE CONTENTS OF THIS NUMBER.-CONT'D.

The production of wheat and rye in France for 1921 exceeded any year since the war and compares favorably with the pre-war average 1909-13.

The total area under food crops in British India as stated in the recent issue of Agricultural Statistics, India, was 197,179,000 acres in 1920-21. Rice composed 40% of this area and wheat 10%. The area under non-food crops was 41,690,000 acres of which oil seeds composed 30% and cotton 34%.

The number of cattle in Poland according to the census of September 30, 1921 was 7,861,000, the number of pigs 5,101,000 sheep 2,093,000 and horses 3,187,000. The number of cattle in Yugoslavia according to the census of January 31, 1921 was 4,834,000, pigs 3,281,000, sheep 6,773,000 and horses 1,059,000.

The lowest price of wheat in Great Britain on April 8, 1922 was $1.365 and the highest price $1.627. The lowest price of corn was $.823 and the highest $1.093. The lowest price of lard was $.124 and the highest $.150. The lowest price of bacon was $.187 and the highest $.283. Irish bacon received the highest price.

The output of potash in Alsace, France in 1921 was 1,010,000 short tons compared with 1,369,000 tons in 1920. The pre-war estimate was 398,000 tons. It is expected that sales will gradually improve.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT.

The condition of the winter wheat crop in Great Britain and Ireland is about average but is commencing to show the effects of the wet weather.

WARMER WEATHER NEEDED IN GREAT BRITAIN.

Spring sowings were several weeks later then usual and due to the cold unfavorable spring are below average.

The winter wheat condition is reported as average in Denmark and Belgium and spring seedings have made good progress. The cold weather has

CONDITION BELOW AVERAGE IN FRANCE.

been unfavorable to growth in France and the condition of winter wheat is below average. Excessive rains have rendered spring seeding difficult but the work is progressing actively where possible. It is probable that the harvest will be later than usual.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT,-CONTINUED.

The weather is still cold and unfavorable in Germany and the wheat crop is only making slow growth. Spring seeding is very late. Recent rains have benefited the crop in Austria and the condition is reported as average. Unfavorable growing conditions are being reported from Czechoslovakia. The area sown to winter wheat is 1,407,000 acres which is 99.8% of 1920-21. Rains have been plentiful in Yugoslavia and the situation is generally satisfactory. The spring cereals are receiving a favorable start.

WARMER WEATHER NEEDED IN CENTRAL EUROPE.

Spring seeding is progressing under favorable conditions in Bulgaria and a large acreage was sown especially on land prepared for autumn sowings but which was not planted due to unfavorable weather. Fall sown wheat is making good growth in Rumania due to abundant moisture and absence of frosts. Reports of the growing crop in Poland continue to be favorable. The area for 1921-22 is 2,434,000 acres compared with 1,569,000 acres in 1920-21. The condition of the wheat crop is average in Italy.
Prospects are reported as more favorable for a spring crop in Russia than for recent years; considerable winter wheat was sown in the famine area. The Commissioner of Agriculture estimates that the grain production of 1922 may be about half that of the pre-war average.

CROP MAKING GOOD GROWTH IN EASTERN EUROPE

Moisture conditions are reported as very good in Canada and a large acreage of spring wheat is being sown. The autumn-sown wheat crop has wintered well and is making good growth.

Drought is damaging the wheat crop in Algeria and Tunis and unless rain comes soon the yield will be below normal.

Reports of the wheat crop in British India generally continue favorable although some damage from rust and hot winds is reported in the United Provinces. The moisture supply for the country as a whole, has been good. The yield greatly exceeds that of last year and also shows considerable increase compared with the five-year average. The first estimate of the production for 1921-22 is 365,235,000 bushels compared with 253,045,000 bushels the corresponding estimate for 1920-21. The final estimate of the production for 1920-21 was 250,469,000 bushels and that of the five-year

YIELD ABOVE AVERAGE IN BRITISH INDIA.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT,-CONTINUED.

average 1915-16 to 1919-20 was 346,737,000 bushels. The latest estimate of the area is 28,403,000 acres compared with 23,653,000 for the same date for 1920-21. The final revised acreage for 1920-21 was 25,722,000 acres and that of the five-year average 30,499,000 acres.

PLOWING IN PROGRESS IN ARGENTINA.

Weather conditions are favorable in Argentina for the preparation of the soil and commencement of sowing for the 1922-23 crop. The production for 1921-22 early in the season was estimated at 154,873,000 bushels compared with 169,756,000 bushels in 1920-21 and 170,871,000 for the five-year average 1915-16 to 1919-20. The production was generally larger than expected however and this early estimate for 1921-22 will probably be revised upward.

RAIN FACILITATES PREPARATION FOR NEW CROP.

Beneficial rains have occurred in most of Australia and greatly facilitated the tillage for the new crop. It is expected that an average area will be sown. The early official estimate of the 1921-22 crop was 134,184,000 bushels compared with 143,965,000 bushels in 1920-21 and 117,129,000 bushels for the five-year average 1915-16 to 1919-20. It is generally reported however that the production has not come up to expectations and will not equal this early estimate.

CORN.

Fine weather is favoring the harvesting of the corn crop in Argentina. The quality of the crop is good but the yield is not up to early expectations. The crop in Uruguay is reported as fair. The crop has suffered from drought in the Union of South Africa and the yield will probably be considerably less than that of last year. Planting is progressing rapidly in central Europe although excessive rain is complained of in some sections.

RYE.

The area sown to rye for the season 1921-22 for the countries of Europe for which figures are available (Belgium, Bulgaria, Spain, Finland, France, Poland, Rumania and Czechoslovakia) shows considerable increase compared with last year being reported as 18,808,000 acres or an increase of 3,741,000 acres. Most of the countries show small decreases however with the exception of

SUMMARY OF FOREIGN CROP PROSPECTS.

RYE,-CONTINUED.

Poland where the area sown is 10,940,000 acres compared with 6,872,000 acres for last year or an increase of 4,068,000 acres. The condition of the crop is average except in France where the condition falls below average due to the unfavorable season.

CORRECTION

Through an error, the production of wheat, rye, maslin, barley and oats in the consular district of Lyon, France were quoted in "Foreign Crops and Markets" for May 17, Vol. IV, No. 15 as pertaining to all of France. This comprises however only about one-tenth of the production of France and the correct figures for the total production are given in the following table.

CROP PRODUCTION IN FRANCE.

(000 omitted).

Crop	Average 1909-13 a	1919	1920	1921
	Bushels	Bushels	Bushels	Bushels
Wheat	317,254	187,094	236,929	322,767
Rye	48,647	30,577	34,098	44,494
Maslin	.....	.....	.....	5,553
Barley	46,489	26,285	38,382	37,804
Oats	310,020	179,825	291,406	245,206

(Source: Journal Officiel de la Republique Francaise).

a. Excludes Alsace Lorraine.

Foreign Crops and Markets.

AREA OF CROPS IN BRITISH INDIA.

Area under food crops.

(000 omitted)

Crops	1916-17	1917-18	1918-19	1919-20	1920-21
	Acres	Acres	Acres	Acres	Acres
Rice	80,988	80,668	77,613	78,706	78,114
Wheat	25,044	26,428	19,147	23,530	20,368
Barley	7,972	8,505	6,464	7,519	6,268
Jawar (great millet)	21,892	21,118	20,537	22,488	22,688
Bajra (spiked millet)	15,228	12,699	11,201	14,582	11,996
Ragi (millet)	4,072	4,265	4,004	4,222	4,233
Maize	6,544	6,486	6,064	6,656	6,211
Gram (pulse)	15,699	16,724	7,647	12,941	9,482
Other food grains and pulses	31,334	30,544	25,166	29,023	27,513
Total food grains	208,773	207,437	177,843	199,667	186,873
Sugar	2,614	2,993	3,016	2,813	2,706
Other food crops a	8,411	8,330	8,095	8,485	7,600
Total food crops	219,798	218,760	188,954	210,965	197,179

(Source: Agricultural Statistics, India).

a. Condiments and spices, fruits and vegetables and miscellaneous food crops.

Area under non-food crops.

(000 omitted).

Crops	1916-17	1917-18	1918-19	1919-20	1920-21
	Acres	Acres	Acres	Acres	Acres
Linseed	2,558	2,781	1,448	2,245	1,513
Sesamum	4,014	3,374	3,235	3,491	3,592
Rape and mustard	4,011	4,359	3,059	3,680	2,982
Goundnut	2,296	1,904	1,403	1,572	2,124
Coconut a	.....	.....	.....	.....	62[illegible]
Castor a	.....	.....	.....	.....	566
Other oilseeds	1,756	1,690	1,328	1,583	987
Total oilseeds	14,635	14,108	10,473	12,571	12,386

Area of Crops in British India,-Cont'd.

Area under non-food crops.

(000 omitted).

Crop	1916-17	1917-18	1918-19	1919-20	1920-21
	Acres	Acres	Acres	Acres	Acres
Cotton	13,837	15,403	14,441	15,318	14,114
Jute	2,671	2,700	2,473	2,800	2,473
Other fibres	831	888	576	747	729
Indigo	765	701	287	243	291
Opium	217	221	207	182	124
Coffee	91	95	98	96	83
Tea	603	619	688	702	669
Tobacco	1,041	1,015	1,047	1,101	932
Fodder crops	8,173	8,194	7,228	8,206	8,108
Other non-food crops b	1,816	1,771	1,528	1,708	1,776
Totals non-food crops	44,680	45,715	39,046	43,674	41,690

(Source: Agricultural Statistics, India).

a. Figures for years prior to 1920-21 are included under "other oilseeds".

b. Cinchona, Indian hemp, other dyes and tanning materials, other drugs and narcotics, and miscellaneous non-food crops.

PRODUCTION OF CEREALS IN CANARY ISLANDS.

Crop	1920	1921
	Bushels	Bushels
Wheat	1,255,000	705,000
Barley	1,381,000	774,000
Corn	685,000	446,000
Rye	75,000	47,000

(Source: American Consul at Teneriffe, Canary Islands).

Note:- The great difference in the 1920 and 1921 production is due to a very wet season in 1920 and a very dry season in 1921.

OATS.

Area of Oats in Undermentioned Countries, 1909-13, 1919, 1920, 1921.

(000 omitted)

Country	Average, a 1909-1913	1919,	1920	1921
	Acres	Acres	Acres	Acres
NORTHERN HEMISPHERE				
United States	37,357	40,359	42,491	44,826
Canada	9,840	14,952	15,850	16,950
Mexico	.....	.....	.....	.....
Austria	b 4,613	606	627	664
Croatia-Slavonia b	246	.....	.....	.....
Bosnia-Herzegovina b	225	.....	.....	.....
Belgium	644	561	586	603
Bulgaria	b 455	302	332	407
Czechoslovakia	.....	c 1,375	1,981	2,003
Denmark	1,028	997	1,091	1,112
Finland	d 987	1,013	1,013	1,038
France	b 9,801	7,296	8,278	8,298
Germany	b 10,750	7,396	8,015	7,882
Greece	.....	155	273	.....
Hungary	b 2,669	.....	802	806
Italy	1,253	1,129	1,159	1,198
Yugoslavia	.....	.....	1,035	.....
Luxemburg	77	62	62	62
Netherlands	346	389	395	378
Norway	266	343	342	342
Rumania	b 1,105	e ,952	2,165	2,167
Russia Proper b	38,013	.....	.....	.....
Poland	b 2,858	f 2,440	4,119	4,738
Northern Caucasia b	1,190	.....	.....	.....
Serbia b	266	.....	.....	.....
Spain	1,276	1,595	1,588	1,527
Sweden	1,969	1,762	1,758	1,757
Switzerland	81	57	56	52
United Kingdom	4,040	5,117	4,630	4,412
Cyprus	.....	.....	.....	.....
Russia Asiatic b	4,912	.....	.....	.....
Algeria	456	533	574	558
Tunis	141	138	149	165

Area of Oats,-Cont'd.

(000 omitted).

Country	Average, a 1908-1909-1912-1913	1918-19	1919-20	1920-21
	Acres	Acres	Acres	Acres
SOUTHERN HEMISPHERE				
Argentina	1,999	3,080	2,301	2,061
Chile	68	79	.....	56
Uruguay	46	85	81	76
Union of South Africa	.....	641	558	564
Australia	708	768	1,069	.....
New Zealand	376	173	180	148

(Compiled from official soutces).

a. Five-year average except where statistics were unavailable.
b. Old boundaries.
c. Bohemia, Moravia, and Silesia.
d. Census, 1910.
e. Former Kingdon, Bessarabia and Bukowina.
f. Former Russian Poland, Western Galicia and Posen.

OATS.

Production of Oats in Undermentioned Countries, 1909-13,1919, 1920, 1921.

(000 omitted).

Country	Average, a 1909-1913	1919	1920	1921
	Bushels	Bushels	Bushels	Bushels
NORTHERN HEMISPHERE				
United States	1,131,175	1,184,030	1,496,281	1,060,737
Canada	367,678	394,387	530,710	426,232
Mexico	17	.....	.....	.....
Austria	b 143,392	13,581	15,974	18,776
Croatia-Slavonia b	5,216	.....	.....	.....
Bosnia-Herzegovina b	4,973	.....	.....	.....
Belgium	40,905	27,361	33,865	30,251
Bulgaria	b 9,880	7,387	10,125	11,271
Czechoslovakia	.....	c 46,099	59,654	72,351

Production of Oats,-Cont'd

(000 omitted).

Country	Average, a 1909-1913	1919	1920	1921
	Bushels	Bushels	Bushels	Bushels
NORTHERN HEMISPHERE				
Denmark	43,115	47,583	50,794	52,016
Finland	21,989	24,133	24,561	28,029
France,	b 310,020	179,825	291,406	245,206
Germany	b 591,995	309,587	335,621	324,880
Greece	.....	2,749	3,996	4,134
Hungary	b 85,840	.....	22,307	20,140
Italy	36,945	34,695	24,223	37,774
Yugoslavia	.....	d 42,192	d 26,354	.....
Luxemburg	3,382	1,699	1,849	1,550
Netherlands	18,512	20,392	22,186	21,289
Norway	10,245	15,106	15,078	12,742
Rumania	b 27,545	e 22,824	54,343	62,211
Russia Proper b	874,945	.....	.....	.....
Poland,	b 76,590	f 76,281	129,661	149,788
Northern Caucasia b	29,602	.....	.....	.....
Serbia b	5,443	.....	.....	.....
Spain	29,110	32,915	37,772	40,035
Sweden	79,115	76,591	70,616	67,585
Switzerland	4,784	2,770	3,118	3,036
United Kingdom	182,777	219,316	192.612	183,146
Cyprus	429	.....	.....	.....
Russia Asiatic b	87,403	.....	.....	.....
Algeria	12,950	10,634	6,855	11,412
Tunis,	4,333	3,445	1,481	5,167
SOUTHERN HEMISPHERE	Average, a 1908-1909-1912-1913	1918-19	1919-20	1920-21
	Bushels	Bushels	Bushels	Bushels
Argentina	52,122	33,762	57,113	47,606
Chile	2,934	3,250	3,250	2,715
Uruguay	830	1,288	1,479	1,986
Union of South Africa	7,197	6,689	4,985	7,789
Australia	14,851	10,441	12,559	.....
New Zealand	13,664	6,885	8,492	5,225

(Compiled from official sources).

a. Five-year average except where statistics were unavailable.
b. Old boundaries.
c. Bohemia, Moravia and Silesia.
d. Unofficial.
e. Former Kingdom, Bessarabia and Bukowina
f. Former Russian Poland, Western Galicia and Posen.

Foreign Crops and Markets.

Oats.

International Trade of Oats (including Oatmeal), for Calendar Years, 1918, 1919, 1920 and Average 1911-13.

Country	Average, 1911-1913		1918		1919		1920	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
PRINCIPAL EXPORTING COUNTRIES								
Algeria	93	1,296	.....	6,900	73	5,438	3,670	1,891
Argentina	54	52,754	6	37,347	19	22,958	.....	.....
Bulgaria	a 53	278	.....	.....	.....	.....	.....	699
Canada	117	16,583	3,767	24,024	3,295	16,346	1,347	16,909
China	48	484	.....	70	1	238	.....	.....
Chile	.....	2,499	30	496	.....	.....	.....	.....
Rumania	76	10,012	.....	.....	330	.....	.....	2,436
Russia	1,643	65,279	.....	.....	.....	.....	.....	.....
United States	5,557	12,592	45	131,085	19	67,570	6,728	16,540
PRINCIPAL IMPORTING COUNTRIES								
Austria-Hungary	3,426	b 237	.....	.....	.....	.....	.....	c 109
Belgium	8,845	59	.....	.....	3,948	33	4,568	9
Denmark	4,126	151	.....	1	569	37	91	25
Cuba	1,361	.....	1,649	.....	1,192	.....	.....	.....
Finland	1,187	433	57	.....	.....	.....	265	.....
France	30,746	122	33,353	31	31,632	65	18,133	4,876
Germany	41,320	30,844	.....	.....	.....	.....	243	265
Italy	9,040	104	19,255	3	12,046	184	3,147	1
Netherlands	41,901	33,814	1	.....	2,870	127	2,080	433
Norway	698	39	11	.....	.....	736	14	183
Philippine Islands	486	.....	53	.....	106	.....	1[illegible]0	.....
Sweden	6,055	2,342	365	.....	1,571	36	.....	.....
Switzerland	12,484	b 15	2,142	2	6,334	3	3,704	16
United Kingdom	64,755	1,411	55,595	107	32,041	.....	25,4[illegible]8	.....
Other Countries	1,976	3,151	524	3,437	[illegible],585	4,457	1,052	1,947
Total	236,047	234,499	116,853	203,503	96,631	118,228	70,630	46,339

(Compiled from official sources).

a. One year.
b. Two-year average.
c. Austria only, New boundaries.

AVERAGE YIELD OF OATS PER ACRE IN UNDERMENTIONED COUNTRIES, 1890-1921.

Year	United States	Russia (European)	Germany	Austria	Hungary proper	France	United Kingdom a
	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels
Average:							
1890-1899...	26.1	17.8	40.0	25.3	.....	a 29.8	43.6
1900-1909...	29.3	20.0	50.7	29.8	30.7	a 33.0	44.3
1910-1919...	32.1	b 22.2	47.5	29.3	c 34.8	32.8	43.1
1919	29.3	....	41.9	22.4	....	24.6	42.9
1920	35.2	....	41.9	25.5	27.8	35.2	41.6
1921	23.7	....	41.2	28.3	25.0	29.6	41.5

a. Winchester bushels.
b. Seven year average.
c. Six year average.

TOTAL PRODUCTION OF OATS IN COUNTRIES AS FAR AS REPORTED, 1895-1921.

Year	Production	Year	Production	Year	Production	Year	Production
	Bushels		Bushels		Bushels		Bushels
1895	3,008,154,000	1902	3,626,303,000	1909	4,312,882,000	1916	3,484,071,000
1896	2,847,115,000	1903	3,378,034,000	1910	4,182,410,000	1917	3,006,747,000
1897	2,633,971,000	1904	3,611,302,000	1911	3,808,561,000	1918	3,112,522,000
1898	2,903,974,000	1905	3,510,167,000	1912	4,617,394,000	1919	2,857,897,000
1899	3,256,256,000	1906	3,544,961,000	1913	4,697,437,000	1920	3,548,621,000
1900	3,166,002,000	1907	3,603,896,000	1914	4,034,857,000	1921	2,955,079,000
1901	2,862,615,000	1908	3,591,012,000	1915	4,306,550,000		

CONSUMPTION OF OATS IN SELECTED COUNTRIES FOR THE FIVE-YEAR AVERAGES, 1909-13 AND 1914-18.

Country	1909-13		1914-18	
	Total	Per Capita	Total	Per Capita
	1000 Bushels	1000 Bushels	1000 Bushels	1000 Bushels
Austria-Hungary ...	241,584	4.67	.....	.....
Belgium	49,090	6.55	.....	.....
France	339,865	8.59	279,832	7.41
Germany	595,227	9.05	.....	.....
Italy	45,095	1.30	56,431	1.55
Netherlands	26,607	4.41	22,765	3.53
United Kingdom	249,129	5.51	246,879	5.66
United States a ...	1,106,063	11.81	1,309,844	13.00

a. Includes insular possessions.

VEGETABLE OILS IN RUSSIA.

During the 1920-21 season the total production of vegetable oils in the government factories amounted to 7,200,000 gallons of which 2,985,000 gallons were linseed oil and 3,130,000 gallons sunflower seed oil. The present number of factories is 20 against 295 in 1908.

The linseed oil industry is now about 10% of its pre-war capacity but the production of linseed oil is increasing as compared with that of sunflower seed oil and hempseed oil. The cultivation of flax for seed is replacing lint, because flax for seed is simpler and cheaper to grow and the price of linseed oil is relatively higher than the price of lint.

Flax for seed is grown mainly in the southern and south-eastern governments. The area under this crop has been decreasing since 1910 when it was about 800,000 acres.

(Source: Economic Life).

FLAX AND LINEN INDUSTRIES IN GERMANY.

The most important raw material in the production of linen is flax which was before the war obtained almost exclusively from Russia. Flax growing in Germany was formerly considerable but in the last years before the war it was continually going down. Since the extreme fall in the Russian flax culture a greater area has been devoted to this crop in Germany but lately the tendency to decrease the acreage appeared again.

The area under flax for recent years and previous years is as follows:

Year	Acres	Year	Acres
1878	331,000	1917	74,000
1883	267,000	1918	94,000
1893	151,000	1919	110,000
1900	84,000	1920	124,000
1913	41,000	1921	111,000
1916	53,000		

According to information of the Association of Flax growers in Germany the quantity of straw delivered to retting establishments in 1920-21 amounted to 149,000 short tons which yielded 34,000 tons of fiber and tow. If the undelivered quantity of straw is included the total production of flax fiber and tow may be estimated at 39,000 tons. The production for the 1921-22 season may be estimated at about 31,000 tons.

The total consumption of flax fiber, etc. in 1913 was about 60,000 short tons of which 56,000 were imported.

So that the total production of flax fiber and tow in 1920-21 was about 66% and in 1921-22 a little more than 50% of the national needs. The material turned out by the retting establishments contains considerable quantities of tow that can not be accepted by the German industry to the same extent as the fiber and there is a shortage of flax fiber while there is an excess of tow. If German Agriculture is to meet the national needs also in respect of quality the area would have to reach, according to estimates by experts, 297,000 acres, that is, the present area would have to be trebled.

The net imports of flax in 1920 amounted to 1,922 tons against 56,000 tons in 1913. The imports in 1920 were light partly because of the increased home production but principelly because the industry was not running fully. About the middle of 1921, however, a considerable improvement in the industry took place and at present (March 1922) 70% of the existing 300,000 spindles are working. The net imports of flax for nine months, May, 1921 to January, 1922, inclusive, reached 8,805 tons against 37,000 tons for the corresponding period of 1913-14.

The total value of the 1913 output of the linen industry in Germany was placed by Kertesz at 331 million marks (79 million dollars at par). This comprises about 17% of the world total and about 18% of the total for Europe.

(Source: Wirtschaft und Statistik).

NUMBER OF CATTLE, SHEEP AND SWINE IN CANADA, 1918-1921.

Year	Cattle	Sheep	Swine
	Number	Number	Number
1918	10,046,000	3,053,000	4,290,000
1919	10,085,000	3,422,000	4,040,000
1920	9,477,000	3,721,000	3,517,000
1921	10,206,000	3,676,000	3,905,000
	Total value $	Total value $	Total value $
1918	706,058,000	48,802,000	112,751,000
1919	708,821,000	50,402,000	102,309,000
1920	561,500,000	37,263,000	81,155,000
1921	373,806,000	23,308,000	54,842,000
	Average value per head $	Average value per head $	Average value per head $
1918	70	16	26
1919	70	15	25
1920	59	10	23
1921	37	6	14

(Source: Monthly Bulletin of Agricultural Statistics, February 1922).

NUMBER OF LIVE STOCK IN YUGOSLAVIA ACCORDING TO THE CENSUS OF JANUARY 31, 1921.

Classification	Number	Classification	Number
Cattle	4,834,000	Pigs	3,281,000
Buffaloes	51,000	Sheep	6,773,000
Horses	1,059,000	Goats	1,544,000
Mules	17,000	Poultry	15,175,000
Asses	82,000	Bee-hives	448,000

(Source: International Institute of Agriculture).

NUMBER OF LIVE STOCK IN POLAND ACCORDING TO THE CENSUS OF SEPTEMBER 30, 1921. a.

(Provisional Data).

Classification	Number	Classification	Number
Horses	3,187,000	Sheep	2,093,000
Cattle	7,861,000	Pigs	5,101,000

(Source: International Institute of Agriculture).

a. Within the frontier of 1921, previous to a decision being arrived at concerning Upper Silesia.

NUMBER OF LIVE STOCK IN GREECE, 1918 AND 1920.

Classification	Number	
	1918	1920
Horses	186,000	201,000
Asses and Mules	355,000	364,000
Cattle	649,000	659,000
Buffaloes	8,000	9,000
Sheep	5,468,000	5,811,000
Goats	3,473,000	3,418,000
Pigs	365,000	416,000
Poultry	4,453,000	5,073,000
Rabbits	337,000	461,000

(Source: International Institute of Agriculture).

IMPORTS OF RAW HIDES INTO FINLAND.

Finland in 1921 imported 12,883,000 pounds of raw hides as compared with 6,365,000 pounds in 1913.

(Source: Monthly Bulletin of the Bank of Finland).

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON APRIL 8, 1922.

The English Currency has been converted to United States Currency according to the rate of exchange prevailing on April 8, 1922.

Commodity and Grade	Shillings-Pence per unit of quantity				Cents per unit of quantity			
	1921		1922		1921		1922	
	Low	High	Low	High	Low	High	Low	High
	Per quarter of 504 pounds				Per bushel of 60 pounds			
Wheat:								
English	75/0	95/0	52/0	55/0	174.3	220.8	136.5	144.3
Australian	....	....	58/0	60/0	.....	.....	152.2	157.5
Foreign	80/0	95/0	54/0	62/0	186.0	220.8	141.7	162.7
	Per quarter of 480 pounds				Per bushel of 56 pounds			
Corn:								
Argentine	57/0	58/0	41/6	42/6	129.9	132.1	106.8	109.3
American	53/0	54/0	32/0	33/0	120.7	123.0	82.3	84.9
Rumanian	53/0	55/0	....	....	120.7	125.3	.....	.....
South African	54/0	56/0	36/0	38/0	123.0	127.6	92.6	97.8
	Per cwt. of 112 pounds				Per pound			
Bacon:								
Irish (ex-factory):								
Sixes	210/0	215/0	142/0	144/0	36.6	37.5	28.0	28.3
Extra heavy	200/0	.....	140/0	.....	34.9	....	27.6	....
Danish:								
No. 1 Sizeable	217/0	.....	130/0	.....	37.8	....	25.6	....
Seconds	217/0	.....	116/0	120/0	37.8	....	22.8	23.6
Swedish:								
No. 1 Sizeable	210/0	.....	122/0	125/0	36.6	....	24.0	24.6
Seconds	210/0	.....	.....	.....	36.6	....	....	....
Dutch:								
No. 1 Sizeable	204/0	206/0	118/0	122/0	35.6	35.9	23.2	24.0
Seconds	204/0	206/0	.....	.....	35.6	35.9	....	....
Canadian:								
Leanest	160/0	170/0	110/0	120/0	27.9	29.6	21.7	23.6
Lean	160/0	170/0	108/0	120/0	27.9	29.6	21.3	23.6
Stout and heavy	120/0	145/0	106/0	117/0	20.9	25.3	20.9	23.0
Seconds	110/0	140/0	100/0	108/0	19.2	24.4	19.7	21.3
American Wiltshire Sides:								
Leanest	130/0	135/0	95/0	105/0	22.7	23.5	18.7	20.7
Lean	130/0	135/0	95/0	98/0	22.7	23.5	18.7	19.3
Stout	120/0	125/0	....	.....	20.9	21.8	....	....

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON APRIL 8, 1922,-CONTINUED.

Commodity and Grade	Shillings-Pence per unit of quantity				Cents per unit of quantity			
	1921		1922		1921		1922	
	Low	High	Low	High	Low	High	Low	High
	Per cwt. of 112 pounds				Per pound			
American Wiltshire Sides:								
Seconds	120/0	.....	95/0	....	20.9	.....	18.7	....
Cumberland cut	132/0	135/0	....	....	23.0	23.5	....	....
" bellies (Eng. Cut)	123/0	130/0	....	....	21.4	22.7	....	....
Lard:								
Irish bladders	90/0	100/0	68/0	76/0	15.7	17.4	13.4	15.0
" boxes ...	.....	.....	63/0	....	....	....	12.4	....
Danish	80/0	90/0	68/0	70/0	13.9	15.7	13.4	13.8
U. S. pails ...	84/0	86/0	....	....	14.6	15.0	....	....
U. S. cartons .	....	....	70/0	72/0	....	....	13.8	14.2
U. S. boxes ...	78/0	81/0	68/6	....	13.6	14.1	13.5	....
U. S. tierces .	....	....	67/6	68/6	....	....	13.3	13.5
Dutch	....	....	65/6	66/0	....	....	12.9	13.0

(Source: Grocer and Oil Trade Review)

FRENCH POTASH OUTPUT IN 1921 75% OF 1920 AMOUNT.

The Alsatian potash industry suffered a serious set back during the last year but there is reason to believe that the worst is over and that sales will gradually improve.

The output of 1921 was considerably less than that of 1920, being 1,010,000 short tons against 1,369,000 tons last year. The pre-war estimate was 398,000 tons. From the cessation of hostilities the progress of production has been as follows: 359,000 tons in 1918; 659,000 in 1919 and 1,369,000 in 1920.

The sales of K_2O amounted to 124,000 tons last year compared with 223,000 in 1920. While the quantities refined last year showed a reduction on the 1920 figures a greater variety of salt compounds has been provided in order to be able to offer what is most suitable for individual requirements.

(Source: The Times Trade Supplement, London).

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. MAY 31, 1922. NO. 17.

CONTENTS.

SUMMARY OF THE CONTENTS OF THIS NUMBER.

The area sown to wheat in the Southern Hemisphere for 1921-22 for the countries for which data are available (Argentina, Chile, Uruguay, Union of South Africa, Australia and New Zealand) was 26,766,000 acres compared with 26,784,000 acres in 1920-21 and 29,267,000 acres for the five-year average 1915-16 to 1919-20. The production in 1921-22 was 346,238,000 bushels compared with 361,644,000 in 1920-21 and 326,629,000 for the five-year average.

SUMMARY OF THE CONTENTS OF THIS NUMBER,-CONT'D.

The amount of beet sugar (raw) produced in 1920-21 for all countries for which data are available was 4,953,836 short tons compared with 3,467,424 tons in 1919-20 and 8,441,092 tons for the five-year average 1909-10 to 1913-14. The amount of cane sugar produced in 1920-21 was 13,656,260 tons compared with 13,799,460 tons in 1919-20 and 9,971,231 tons for the five-year average 1909-10 to 1913-14. The total beet and cane sugar was 18,610,096 tons in 1920-21 compared with 17,266,884 tons in 1919-20 and 18,412,323 tons in 1909-10 to 1913-14.

The leading sugar exporting country is Cuba which exported 8,995,775,000 pounds in 1919. The Dutch East Indies rank second exporting 4,115,514,000 pounds in 1919. The leading importing country is the United States which imported 7,023,620,000 pounds in 1919. The United Kingdom came next importing 3,433,783,000 pounds.

The production of cotton in Brazil for 1921 is estimated as the same as that of 1920 or 451,000 bales. The five-year average for 1916-1920 is 446,400 bales. The exports of cotton for 1921 were 90,430 bales compared with 24,893 bales for the five-year average 1915-1919.

The number of cattle in Austria in 1920 was 2,114,000 compared with 2,175,000 (present territory of the Austrian Republic) in 1910. The number of hogs in 1920 is 1,189,000 compared with 1,791,000 in 1910 and the number of sheep 363,000 compared with 278,000.

PRODUCTION OF LEGUMES IN CHILE 1909-13, 1919 AND 1920.

Crops.	Average, 1909-1913.	1919.	1920.
	Bushels.	Bushels.	Bushels.
Beans	1,398,000	1,713,000	1,689,000
Peas	395,000	433,000	420,000
Chick peas	45,000	44,000	36,000
Lentils	28,000	126,000	61,000

(Source: Anuario Estadistica de la Republica de Chile).

AREA AND PRODUCTION OF CEREAL CROPS AND LINSEED IN THE SOUTHERN HEMISPHERE.

AREA.

(000 omitted).

Countries.	Average, 1915-16 to 1919-20.	1920-21.	1921-22.
	Acres.	Acres.	Acres.
		Wheat.	
Argentina	16,464	14,817	13,927
Chile	1,227	1,152	1,314
Uruguay	845	700	741
Union of South Africa	860	823	839
Australia	9,636	9,069	9,582
New Zealand	235	223	363
		Barley.	
Argentina	531	667	....
Chile	116	139	128
Uruguay	8	11	5
Union of South Africa	93	91	87
		Oats.	
Argentina	2,714	2,061	2,105
Chile	96	56	60
Uruguay	116	76	113
Union of South Africa	519	564	530
		Linseed.	
Argentina	3,477	3,484	3,892

PRODUCTION.

(000 omitted).

Countries.	Average, 1915-16 to 1919-20.	1920-21.	1921-22.
	Bushels.	Bushels.	Bushels.
		Wheat.	
Argentina	170,871	169,756	154,873

PRODUCTION,-CONT'D.

(000 omitted).

Countries.	Average, 1915-16 to 1919-20.	1920-21.	1921-22.
	Bushels.	Bushels.	Bushels.
		Wheat,- Cont'd.	
Uruguay	8,231	7,768	12,125
Union of South Africa	6,668	8,105	8,689
Australia	113,567	143,963	136,168
New Zealand	6,086	6,872	10,500
		Barley.	
Argentina	a 6,291	11,161	.....
Chile	3,972	5,385	3,690
Uruguay	96	169	94
Union of South Africa	1,314	1,137	1,282
		Oats.	
Argentina	53,371	47,606	31,719
Chile	4,037	2,715	2,118
Uruguay	2,135	1,986	3,064
Union of South Africa	8,556	8,101	7,790
		Linseed.	
Argentina	26,328	50,470	32,973

(Compiled from official sources).

a. Average 1915-16, 1916-17, 1919-20.

EXPORTS OF BANANAS FROM GUATEMALA.

Guatemala exported to the United States in 1920, 108,997 short tons of bananas compared with 75,117 tons in 1919 and 110,488 tons in 1913.

(Source: Commerce Reports.)

PRODUCTION OF SUGAR IN UNDERMENTIONED COUNTRIES, CAMPAIGNS OF 1909-10 TO 1913-14 AND 1917-18 TO 1920-21.

Beet Sugar (raw).

Country.	Average, 1909-10 to 1913-14.	1917-18.	1918-19.	1919-20.	1920-21.
	Short tons.	Short tons.	Short tons.	Short tons.	Short tons.
NORTH AMERICA.					
United States	609,620	765,207	760,950	726,451	1,090,021
Canada	11,457	11,688	25,046	18,920	38,823
Total	621,077	776,895	785,996	745,371	1,128,844
EUROPE.					
Austria	43,194	.....	.....	5,657	15,432
Belgium	276,075	135,869	77,954	151,515	267,859
Bulgaria	7,688	11,543	3,743	13,074	8,267
Czechoslovakia	1,017,237	.....	687,553	559,325	770,386
Denmark	127,602	140,653	117,836	176,368	134,922
France	759,426	220,752	121,374	170,969	370,032
Germany	2,296,131	1,726,483	1,483,807	808,304	1,211,944
Hungary	467,742	173,024	97,547	12,477	36,376
Italy	208,675	102,100	119,524	185,001	149,913
Yugoslavia	20,948	.....	.....	.....	.....
Netherlands	246,341	214,891	181,986	263,110	314,486
Poland	279,374	.....	.....	198,414	188,493
Rumania	59,934	.....	.....	1,213	16,534
Russia	1,726,231	1,133,804	317,793	85,537	55,115
Spain	115,727	154,317	169,223	91,089	104,456
Sweden	153,581	.....	.....	.....	180,777
Switzerland	4,390	.....	.....	.....	.....
Total*.....	7,819,296	4,013,436	3,378,340	2,722,053	3,824,992
OCEANIA.					
Australia	719	1,904	.....	.....	.....
Grand Total*	8,441,092	4,792,235	4,164,336	3,467,424	4,953,836

* Totals include all countries for which data are available.

Cane Sugar.

Country.	Average, 1909-10 to 1913-14.	1917-18	1918-19.	1919-20.	1920-21.
	Short tons.	Short tons.	Short tons.	Short tons.	Short tons.
NORTH AMERICA.					
United States:					
Louisiana	301,173	243,600	280,900	121,000	169,127
Texas	9,664	2,240	3,500	1,125	6,987
Hawaii	567,495	576,700	600,312	556,343	521,759
Porto Rico	363,474	453,794	406,002	485,071	489,818
Virgin Islands	9,212	6,048	10,080	13,888	.....
Central America:					
British Honduras .	575	.....	.....	.....	.....
Costa Rica	2,922	.....	4,225	.....	.....
Guatemala	8,284	33,069	25,142	14,816	.....
Honduras	.....	.....	.....	.....	.....
Nicaragua	5,000	12,000	12,000	16,000	.....
Salvador	13,616	20,385	30,515	15,304	.....
Mexico	163,030	38,580	78,400	103,040	110,230
West Indies:					
British -					
Antigua	12,919	19,181	14,679	18,667	11,396
Barbados	27,788	58,195	84,304	77,983	62,957
Jamaica	23,856	38,291	48,160	52,500	42,560
Montserrat	222	329	65	151	151
St. Christopher	13,252	16,854	.....	.....	.....
St. Lucia	5,436	3,516	4,100	4,928	5,682
St. Vincent	349	632	638	1,272	560
Trinidad and Tobago	51,275	79,140	50,687	53,592	65,426
Cuba	2,295,353	3,957,061	4,596,710	4,209,349	4,408,365
Dominican Republic ...	106,539	172,800	186,682	225,920	229,278
French -					
Guadeloupe	40,917	30,864	29,326	.....	.....
Martinique	42,567	22,831	11,230	.....	.....
Total*	4,065,391	5,786,110	6,477,657	5,970,949	6,124,296
SOUTH AMERICA.					
Argentina	193,853	97,085	139,463	328,095	230,990
Brazil	38,284	492,728	440,479	496,035	579,959
Guiana:					
British	106,194	120,467	90,350	107,520	106,400
Dutch	12,571	12,357	8,950	.....	.....
Paraguay	1,363	808	619	2,745	.....
Peru	210,608	316,890	336,000	392,000	385,805
Total*	562,873	1,040,335	1,015,871	1,326,395	1,303,154

Cane Sugar,-Cont'd.

Country.	Average, 1909-10 to 1913-14.	1917-18.	1918-19.	1919-20.	1920-21.
	Short tons.	Short tons.	Short tons.	Short tons.	Short tons.
EUROPE.					
Spain	17,059	6,297	6,921	7,452	6,864
ASIA.					
British India	2,614,326	3,708,320	2,617,440	3,361,086	2,760,800
Formosa	192,299	518,089	379,323	321,614	385,805
Japan	75,718	.....	.....	.....	.....
Java	1,513,736	1,960,118	1,478,103	1,472,796	1,578,657
Philippine Islands ..	170,447	474,745	453,346	466,912	608,499
Total *.....	4,566,526	6,661,272	4,928,212	5,622,408	5,333,761
AFRICA.					
Egypt	67,128	87,620	83,663	99,207	88,184
Mauritius	233,671	248,531	278,187	267,308	285,385
Natal	88,165	119,000	164,080	168,000	176,368
Portuguese East Africa	27,800	47,926	22,724	38,580	44,092
Reunion	41,658	46,462	55,115	35,644	44,092
Total*	458,422	549,539	603,769	608,739	638,121
OCEANIA.					
Australia	216,331	354,941	219,358	181,774	183,926
Fiji	84,629	109,014	72,070	81,743	66,138
Total*	300,960	463,955	291,428	263,517	250,064
Total cane sugar*	9,971,231	14,507,508	13,323,858	13,799,460	13,656,260
Total beet and * cane sugar	18,412,323	19,299,743	17,488,194	17,266,884	18,610,096

* Totals include all countries for which data are available.

SUGAR.

International Trade of Sugar, for Calendar Years, 1918, 1919, 1920 and Average 1909-13.

The following kinds and grades have been included under the head of sugar: Brown, white candied, caramel, chancaca (Peru), crystal cube, maple, muscovado, panela. The following have been excluded; "Candy" (meaning confectionery), confectionery, Glucose, grape sugar, jaggary, molasses, and sirups.

Country.	Average, 1909-1913.		1918.	
	Imports.	Exports.	Imports.	Exports.
	1,000 pounds.	1,000 pounds	1,000 pounds	1,000 pounds.
PRINCIPAL EXPORTING COUNTRIES:				
Austria-Hungary	7,884	1,697,659	.....	.....
Barbados	a 466	51,657	.....	128,108
Belgium	15,784	308,952	.....	.....
Brazil	a 234	76,568	74	254,926
British Guiana	a 12,224	212,393	901	211,396
Cuba	1,312	4,019,798	294	7,293,915
Dominican Republic	b 1,533	184,705	992	264,624
Dutch East Indies	7,124	2,825,111	5,470	3,395,304
Fiji	c 771	157,633	.....	.....
France	372,395	413,795	375,505	136,672
Germany	6,973	1,746,322	.....	.....
Guadeloupe	390	75,270	.....	58,651
Martinique	461	85,110	.....	45,661
Mauritius	a 4	452,510	.....	403,931
Netherlands	165,443	400,980	25	51,027
Peru	1,451	293,472	164	436,485
Philippine Islands	7,900	358,865	445	602,425
Reunion	c 4	83,316	.....	83,246
Russia	7,487	587,028	.....	.....
Trinidad and Tobago	a 1,045	87,510	.....	.....
PRINCIPAL IMPORTING COUNTRIES:				
Argentina	103,380	144	73,489	21
Australia	152,465	535	117,770	1,956
British India	1,431,980	53,222	1,190,562	71,221
British South Africa	61,282	1,513	45,091	5,533
Canada	595,785	1,639	657,926	6,872
Chile	169,931	181	195,774	7,249
China	687,243	29,867	1,165,173	26,905

SUGAR,-CONTINUED.

Countries.	Average, 1909-1913.		1918.	
	Imports.	Exports.	Imports.	Exports.
	1,000 pounds.	1,000 pounds.	1,000 pounds.	1,000 pounds.
PRINCIPAL IMPORTING COUNTRIES:				
Denmark	43,627	45,073	108	23,263
Egypt	86,041	16,171	40,704	37,659
Finland	100,153	.....	7,548	.....
Italy	18,499	603	81,638	235
Japan	353,885	120,407	496,720	259,193
New Zealand	125,924	a 26,955	112,974	2,335
Norway	104,651	.....	75,635	.....
Persia	218,703	a 1,114	.....	.....
Portugal	79,262	.....	.....	.....
Singapore	163,220	95,878	.....	.....
Switzerland	236,403	.....	160,649	.....
United Kingdom	3,707,211	65,207	2,016,755	1,804
United States	4,245,034	79,368	5,170,976	407,296
Other Countries	954,557	287,612	373,963	190,257
Total	14,250,121	14,944,141	12,367,325	14,408,170

(Compiled from official sources).

a. Four year average.
b. One year.
c. Three year average.

Sugar,-Continued.

International Trade of Sugar, for Calendar Years, 1918, 1919, 1920 and Average 1909-13.

Countries.	1919.		1920.	
	Imports.	Exports.	Imports.	Exports.
	1,000 pounds.	1,000 pounds.	1,000 pounds.	1,000 pounds.
PRINCIPAL EXPORTING COUNTRIES:				
Austria-Hungary	.....	.....	132,595	18
Barbados	.....	155,967	.....	.....
Belgium	110,204	50,222	127,756	150,767

SUGAR,-CONTINUED.

Countries.	1919. Imports.	1919. Exports.	1920. Imports.	1920. Exports.
	1,000 pounds.	1,000 pounds.	1,000 pounds.	1,000 pound
PRINCIPAL EXPORTING COUNTRIES:				
Brazil	231	153,063	13	240,612
British Guiana	.....	186,234	.....	187,634
Cuba	85	8,995,775	.....	.....
Dominican Republic	798	357,885	.....	.....
Dutch East Indies	6,195	4,115,514	.....	.....
Fiji	.....	.....	.....	.....
France	1,254,263	175,835	1,332,178	186,247
Germany	.....	.....	203,166	14,162
Guadeloupe	.....	.....	.....	.....
Martinique	.....	.....	.....	.....
Mauritius	.....	667,610	.....	.....
Netherlands	105,134	86,240	92,826	167,827
Peru	195	559,920	.....	.....
Philippine Islands	3,261	299,959	5,379	397,579
Reunion	.....	.....	.....	.....
Russia	.....	.....	.....	.....
Trinidad and Tobago	.....	.....	.....	.....
PRINCIPAL IMPORTING COUNTRIES:				
Argentina	181,318	3,203	.....	.....
Australia	252,683	340	.....	.....
British India	941,930	52,864	704,285	88,30
British South Africa	9,561	38,228	4,339	32,869
Canada	1,059,898	246,980	780,879	76,98
Chile	.....	.....	.....	.....
China	691,717	32,833	.....	.....
Denmark	4,142	20,308	994	34,82
Egypt	27,574	27,973	82,407	30,41
Finland	.....	.....	55,203	.....
Italy	175,224	54	25,078	5
Japan	606,457	151,841	396,509	135,75
New Zealand	131,340	2,643	138,267	1,06
Norway	187,229	.....	200,313	.....
Persia	.....	.....	.....	.....
Portugal	62,207	.....	.....	.....

SUGAR,-CONTINUED.

Countries.	1919.		1920.	
	Imports.	Exports.	Imports.	Exports.
	1,000 pounds.	1,000 pounds.	1,000 pounds.	1,000 pounds.
PRINCIPAL IMPORTING COUNTRIES:				
Singapore	.....	.....	.....	.....
Switzerland	231,322	1	279,056	1
United Kingdom	3,433,783	2,820	2,477,304	5,034
United States	7,023,620	1,475,408	8,073,760	923,886
Other Countries	406,141	743,905	424,136	548,788
Total	16,906,602	18,641,625	15,536,041	3,043,784

(Compiled from official sources).

DAIRY PRODUCTS IN CHILE 1913 TO 1920.

Year.	Number of cows milked (daily average)	Production of milk.	Amount of cheese manufactured.	Amount of butter manufactured.
	Number.	Gallons.	Pounds.	Pounds.
1913	179,000	37,842,000	7,442,000	2,768,000
1914	183,000	36,142,000	6,303,000	2,701,000
1915	166,000	37,912,000	5,398,000	1,924,000
1916	155,000	32,933,000	3,895,000	2,078,000
1917	181,000	47,967,000	8,690,000	3,026,000
1918	187,000	68,401,000	8,248,000	3,282,000
1919	176,000	37,962,000	5,189,000	1,991,000
1920	172,000	32,983,000	5,634,000	1,406,000

(Source: Anuario Estadistica de la Republica de Chile).

RUSSIA.

AREA AND PRODUCTION OF GRAINS AND POTATOES.

(Area in thousands of acres and production in thousands of bushels)

	Russian Soviet Republic	Soviet Rep. of Ukrania	Total	
	1921	1921	1916	1921
Rye:				
Area	35,366	7,848	56,885	43,214
Production	276,845	.....	782,215	.....
Wheat:				
Area	24,959	11,412	62,263	36,370
Production	184,447	.....	521,204	.....
Barley:				
Area	5,645	9,257	23,852	14,902
Production	54,803	.....	318,908	.....
Oats:				
Area	18,412	4,347	40,255	22,758
Production	352,839	.....	855,750	.....
Buckwheat:				
Area	1,714	2,422	4,954	4,136
Production	13,891	.....	54,904	.....
Millet:				
Area	7,278	1,701	7,562	8,979
Production	50,449	.....	72,996	.....
Corn:				
Area	950	1,485	2,486	2,435
Production	13,041	.....	.....	.....
Potatoes:				
Area	2,511	1,234	6,487	3,744
Production	311,343	167,452	.....	478,795

(Source: Central Statistical Bureau of The Russian Soviet Republic).

EXPORTS OF PEANUTS FROM HONGKONG.

The exports of peanuts from Hongkong amounted to 2,126,000 bushels. (22 pounds) in 1920 compared with 1,759,000 bushels in 1919.
(Source: Commerce Reports).

PRODUCTION OF COTTON IN BRAZIL.

(Bales of 478 pounds net).

Year	Production	Year	Production
	Bales		Bales
1905	270,000	1914	385,000
1906	365,000	1915	440,000
1907	348,000	1916	420,000
1908	231,000	1917	300,000
1909	265,000	1918	417,000
1910	270,000	1919	644,000
1911	280,000	1920	451,000
1912	320,000	1921	451,000
1913	320,000		

(Compiled from commercial sources).

EXPORTS OF COTTON FROM BRAZIL, CALENDAR YEARS, 1910-1921.

Calendar Year	Exports	Calendar Year	Exports
	Bales		Bales
1910	51,472	1916	4,939
1911	67,554	1917	27,401
1912	77,364	1918	11,965
1913	172,603	1919	56,052
1914	140,366	1920	113,902
1915	24,110	1921	90,430

(Compiled from official sources).

COTTON IN INDIA BY VARIETIES.

(000 omitted)

Trade description	Area		Production		Yield per acre	
	1920-21	1921-22	1920-21	1921-22	1920-21	1921-22
	Acres	Acres	Bales *	Bales *	Pounds	Pounds
Oomras	9,069	9,448	944	2,051	50	104
Dholleras	2,408	1,848	379	382	75	99
Bengal-Sind	4,164	2,711	915	585	105	103
Broach	1,273	968	167	142	63	70
Western and Northerns	1,431	1,164	123	124	41	51
Coompta-Dharwars	1,301	823	181	156	66	91
Others	1,695	1,523	305	309	86	97
Total	21,341	18,485	3,013	3,749	67	97

* Bales of 478 pounds net. (Source: Final General Memorandum.)

COTTON IN PARAGUAY

The Trade Commissioner at Buenos Aires reports that the area devoted to cotton cultivation in Paraguay has doubled within the last three years. Official estimates place this year's crop at 1,500 bales (478 pounds net) of lint. It is claimed that a 75% greater yield is obtained from the imported United Stated seed than from native seed.

(Source: Commerce Reports).

COTTON PROSPECTS IN MEXICO.

Under date of May 10 Mr. Walter Ohlendorf of the Federal Horticultural Board reports that, "Cold weather checked the growth of the early planted cotton in the Laguna District considerably and destroyed much volunteer cotton that had sprouted early. This will make the crop somewhat later than it would have been otherwise, and will subject it to greater injury by the pink boll worm."

COTTON INDUSTRY IN FINLAND.

All of the six cotton mills in Finland were very busy during 1921 as in 1920 and only a small quantity of the manufactured goods were exported, the whole production being needed in Finland. On the contrary, cotton goods have continued to be imported in quite large quantities although less, than formerly. The imports of cotton cloth in 1921 amounted to 976,000 pounds compared with 2,254,000 pounds in 1920; 2,741,000 pounds in 1919 and 2,343,000 pounds in 1913.

Most of the imported cotton cloth and other textile goods came from Germany and Czechoslovakia.

Owing to the uncertain state of the market, the mills have not found it to their advantage to keep large stocks of raw material on hand. They have, as a rule, kept stock for only two or three months in advance.

The imports of raw cotton for the past three years and for 1913 are as follows:

Imports of Cotton into Finland.

(Bales of 478 pounds net).

	1913	1919	1920	1921
	Bales	Bales	Bales	Bales
Raw Cotton:				
From Germany	24,704	.....	.....	5,229
Great Britain ..	12,735	22,989	26,576	23,286
United States ..	.....	6,566	2,807	3,778
Others	1,256	46	781	1,398
Total	38,696	29,601	30,164	33,691
	Pounds	Pounds	Pounds	Pounds
Raw, cotton, dyed	141,253	1,060	10,842	5,765
Cotton waste	849,236	528,365	1,005,860	294,277

The beginning of 1922 showed a brisk sale of cotton goods and bright prospects for the future. All mills are running full time and some of them overtime. However, the situation depends very much upon the rates of exchange especially for dollars and pounds sterling. Manufacturers say that in case the value of the Finnish Mark suddenly improves and foreign rates decline it will bring about a depression in the cotton industry, as buyers will expect prices to fall still lower and will not purchase goods, while, on the contrary, sales will be good if the foreign rates rise or remain firm.

(Source: American Consul, Helsingfors).

STOCKS OF GRAIN IN CANADA.

Stocks of grain at different elevators, also United States Lake Ports and United States Atlantic Seaboard Ports on May 12, 1922 with comparisons for 1920 and 1921.

May 12, 1922	Wheat	Other Grain	Total
	Bushels	Bushels	Bushels
Country Elevators	12,558,213	10,725,084	23,283,297
Interior Terminal Elevators	2,003,987	573,348	2,577,335
Public and Private Terminal Elevators			
Fort William and Port Arthur	24,139,275	7,911,657	32,050,932
Winnipeg Private Terminal Elevators	622,093	95,658	717,751
Public Elevators in the East	4,649,196	4,421,449	9,070,645
U. S. Lake Ports	2,475,999	259,790	2,735,789
U. S. Atlantic Seaboard Ports	840,565	740,607	1,581,172
Totals	47,589,328	24,727,593	72,016,921
May 13, 1921			
Country Elevator Western Division	5,953,023	10,845,615	16,798,638
Interior Terminal Elevators	295,613	3,075,379	3,370,992
Public and Private Terminal Elevators			
Fort William and Port Arthur	13,250,474	17,849,395	31,099,869
Private Terminal Elevators, Winnipeg	17,719	69,518	87,237
Public Elevators in the East	1,672,948	3,964,298	5,637,246
U. S. Lake Ports	393,940	150,984	549,924
U. S. Atlantic Seaboard Ports	48,329	372,605	420,934
Totals	21,637,046	36,327,794	57,964,840
May 14, 1920			
Country Elevator Western Division	7,799,830	5,952,143	13,751,973
Interior Terminal Elevators	4,681,453	840,631	5,522,084
Public Terminal Elevators	5,969,983	4,156,595	10,126,578
Private Terminal Elevators	543,355	398,616	941,971
Public Elevators in the East	6,000,931	2,368,305	8,369,236
U. S. Atlantic Seaboard Ports	10,330	163,306	173,636
Totals	25,005,882	13,884,596	38,890,478

NUMBER OF LIVE STOCK IN THE AUSTRIAN REPUBLIC.*

Classification.	Number.	
	December, 1910	April, 1920
Cattle	2,175,000	2,114,000
Calves under one year	370,000	537,000
Bulls over one year	74,000	71,000
Heifers over one year	299,000	298,000
Cows	1,087,000	942,000
Oxen	345,000	266,000
Pigs	1,791,000	1,189,000
Sheep	278,000	368,000

(Source: International Institute of Agriculture).

* The data refer to the present territory of the Austrian Republic, but do not include the southern part of Carintzia which, at the taking of the Census of 1920, was under the administration of the Serb. Croat. Slovene State.

NUMBER OF ANIMALS USED FOR WORK AND THE NUMBER OF BEE-HIVES IN BULGARIA.

Classification	Number	
	1919	1920 a.
Horses	156,000	177,000
Cattle	810,000	854,000
Buffaloes	142,000	150,000
Bee-hives:		
Ordinary	37,000	42,000
Modern	143,000	179,000

(Source: International Institute of Agriculture).

a. Provisional data.

LIVESTOCK IN MOROCCO.

Stocks of cattle show a rapid increase according to the following figures: 1915 - 702,000 head; 1916 - 756,000 head; 1917 - 1,300,000 head; 1918 - 1,702,000 head and 1920 - 1,494,000 head.

(Commerce Reports).

AVERAGE PRICES OF LIVE STOCK IN BELGIUM BEFORE THE WAR AND IN OCTOBER 1921.

Conversions to United States equivalents for the pre-war period made at par value of franc ($.1930) and for October 1921 the rate of exchange on October 29, 1921 was used ($.0715).

Live Stock	Approximate Values.	
	Before the War	October, 1921.
	Dollars	Dollars
Horses	232	343
Steers	125	129
Milk cows	106	172
Lean sheep	6	11
Pigs of 2 months	6	4

(Source: Journal de la Societe Nationale des Agriculteurs de Belgique, Belgium).

AVERAGE PRICES OF FARM IMPLEMENTS IN BELGIUM BEFORE THE WAR AND IN OCTOBER, 1921.

Conversions to United States equivalents for the pre-war period made at par value of franc ($.1930) and for October 1921 the rate of exchange prevailing on October 29, 1921 was used ($.0715).

Farm Implements	Before the War	October, 1921.
	Dollars	Dollars
Plows	21.23	28.60
Reaping machines	173.70	214.50
Mowing "	67.55	100.10
Wagons	193.00	200.20
Tumbril carts	96.50	107.25
Sacks	.19	.36
Horse shoes	.77	1.14
Wheel barrows	5.79	10.72

(Source: Journal de la Societe Narionale des Agriculteurs de Belgique, Belgium).

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON APRIL 15, 1921 and 1922.

The English Currency has been converted to United States Currency according to the exchange rates prevailing on April 15, 1921 and 1922.

Commodity and Grade	Shillings-Pence per unit of quantity				Cents per unit of quantity			
	1921		1922		1921		1922	
	Low	High	Low	High	Low	High	Low	High
	Per quarter of 504 pounds				Per bushel of 60 pounds			
Wheat:								
English	75/0	95/0	52/0	55/0	175.2	221.8	136.6	144.6
Australian	....	....	58/0	59/0	.....	.....	152.4	155.1
Foreign	78/0	94/0	54/0	65/0	181.2	219.5	141.9	170.9
	Per quarter of 480 pounds				Per bushel of 56 pounds			
Corn:								
Argentine	57/0	56/0	41/0	42/0	130.4	132.7	105.6	108.2
American	53/0	54/0	32/0	33/0	121.3	123.6	82.4	85.0
Rumanian	53/0	55/0	....	....	121.3	125.9	....	....
South African .	54/0	56/0	37/0	38/0	123.6	128.1	95.3	97.9
	Per cwt. of 112 pounds				Per pound			
Bacon:								
Irish (ex-factory):								
Sixes	210/0	215/0	142/0	144/0	36.8	37.6	27.9	28.4
Extra heavy ...	200/0	.....	140/0	....	35.0	....	27.5	....
Danish:								
No. 1 sizeable.	217/0	.....	130/0	....	37.9	....	25.6	....
Seconds	217/0	.....	115/0	123/0	37.9	....	22.6	24.2
Swedish:								
No. 1 sizeable	210/0	.....	122/0	126/0	36.6	....	24.0	24.8
Seconds	200/0	206/0	.....	.....	35.0	36.1	....	....
Dutch:								
No. 1 sizeable	204/0	206/0	118/0	122/0	35.7	36.1	23.2	24.0
Seconds	202/0	204/0	.....	.....	35.4	35.7	....	....
Canadian:								
Leanest	160/0	170/0	115/0	120/0	28.0	29.8	22.6	23.7
Lean	140/0	160/0	112/0	120/0	24.5	28.0	22.0	23.7
Stout and heavy	140/0	160/0	108/0	117/0	24.5	28.0	21.2	23.0
Seconds	110/0	130/0	105/0	.....	19.3	22.8	20.7	....
American Wiltshire Sides:								
Leanest	135/0	140/0	95/0	105/0	23.6	24.5	18.7	20.7
Lean	135/0	140/0	95/0	102/0	23.6	24.5	18.7	20.1
Stout	130/0	135/0	90/0	.....	22.7	23.6	17.7	....
Seconds	130/0	.....	95/0	100/0	22.7	....	18.7	19.7

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON APRIL 15, 1921 AND 1922,- CONT'D.

Commodity and Grade	Shillings-Pence per unit of quantity				Cents per unit of quantity			
	1921		1922		1921		1922	
	Low	High	Low	High	Low	High	Low	High
	Per cwt. of 112 pounds				Per pounds			
Bacon,-Cont'd.								
American Wiltshire Sides:								
Cumberland cut	135/0	.....	95/0	100/0	23.6	....	18.7	19.7
" bellies (Eng. cut)	120/0	125/0	76/0	82/0	21.0	21.9	14.9	16.1
Lard:								
Irish bladders ..	80/0	90/0	68/0	76/0	14/0	15.7	13.4	14.9
" boxes	76/0	98/0	64/0	....	13.3	17.1	12.6	....
Danish	73/0	....	68/0	70/0	12.7	....	13.4	13.7
U. S. pails	76/6	....	71/0	....	13.4	....	13.9	.....
U. S. cartons ...	....	....	70/0	71/0	....	....	13.7	13.9
U. S. boxes	75/3	....	67/0	67/6	13.1	....	13.2	13.3
U. S. tierces ...	75/0	....	67/0	67/6	13.1	....	13.2	13.3
Dutch	....	....	65/0	....	....	....	12.8	....

(Source: Grocer and Oil Trade Review).

COFFEE OF THE DUTCH EAST INDIES.

	1921	1922 a
	Pounds	Pounds
Liberia	2,156,000	1,517,000
Similar to Liberia..	1,498,000	1,336,000
Java	6,611,000	14,451,000
Robusta	109,555,000	108,285,000
Similar to Robusta .	550,000	403,000
Totals	120,371,000	125,992,000

(Source: American Consul, Batavia, Java.)

a. Estimated.

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. JUNE 7, 1922. NO. 18.

CONTENTS.

SUMMARY OF THE CONTENTS OF THIS NUMBER.

The production of wheat in British India for 1921-22 is estimated at 366,539,000 bushels compared with 246,251,000 bushels for the corresponding date of last year. The final revised estimate for 1920-21 was 250,469,000 bushels and that of the five-year average 1915-16 to 1919-20 was 346,737,000 bushels.

The production of corn in Argentina for 1921-22 was 156,054,000 bushels compared with 230,423,000 bushels in 1920-21 and 174,502,000 bushels for the five-year average 1908-09 to 1912-13.

The world production of flaxseed in 1920 was 81,480,000 bushels compared with 56,611,000 bushels in 1919 but shows considerable decrease compared with the five-year average production of 1909-1913 which was 110,036,000 bushels. The production of fiber in 1920 was 346,420,000 pounds compared with 173,267,000 in 1919 but is less than one-third of the five-year average production 1909-1913 which was 1,224,742,000 pounds.

SUMMARY OF THE CONTENTS OF THE NUMBER,-CONT'D.

The principal country exporting flaxseed is Argentina which exported 39,952,000 bushels in 1920 and 33,677,000 bushels in 1919. British India ranks second as an exporting country, 7,839,000 bushels being exported in 1920 and 13,341,000 bushels in 1919.

The United States was the largest importer of flaxseed in 1920, the quantity imported amounting to 24,641,000 bushels compared with 14,036,000 bushels in 1919. The amount imported by the United Kingdom in 1920 was 15,520,000 bushels compared with 22,116,000 in 1919.

Before the war Russian produced about 80% of that world's flax crop. The acreage of 1921 however amounted to only about 12 or 15% of that of 1914 which was about 2,700,000 acres. The linen manufacturing industry also shows great decrease, the 1921 production of yarn being only about 16% of the pre-war amount and that of cloth about 14%.

The number of cattle and sheep in Chile show little variation since 1913. There were 2,163,000 cattle in 1919 compared with 2,225,000 in 1918 and 2,084,000 in 1913. The number of sheep was 4,500,000 in 1919 compared with 4,434,000 in 1918 and 4,567,000 in 1913. The amount of wool produced shows some increase being 37,340,000 pounds in 1919 compared with 33,765,000 in 1918 and 23,881,000 pounds in 1913.

AREA AND PRODUCTION OF WHEAT IN BRITISH INDIA.

The estimate of June 1 for the area of the wheat crop in British India for 1921-22, is 28,203,000 acres, compared with 25,127,000 acres for the same date last year. The final revised acreage for 1920-21 was 25,722,000 acres and that of the five-year average, 1915-16 to 1919-20, was 30,499,000 acres. The production for 1921-22 is 366,539,000 bushels, compared with 246,251,000 bushels for the corresponding date of last year. The final revised estimate was 250,469,000 bushels and that of the five-year average, 346,737,000 bushels (Source: Department of Statistics, India).

PRODUCTION OF CORN IN ARGENTINA.

The production of corn in Argentina for 1921-22 was 156,054,000 bushels or a reduction of 74,369,000 bushels compared with the production of 1920-21 and a decrease of 18,448,000 compared with the five-year average 1908-09 to 1912-13. This poor yield is largely due to the dry season. Favorable weathe prevailed during the harvesting and the quality of the grain is generally good (Source: International Institute, Rome).

PRODUCTION OF FRUITS IN CHILE.

Kind of Fruit.		1919.	1920.
Fresh Fruits.			
Olives	Pounds.	1,328,000	2,773,000
Almonds	"	516,000	567,000
Walnuts	"	5,890,000	6,115,000
Oranges	Number.	26,911,000	11,448,000
Lemons	"	8,033,000	12,412,000
Grapes	Pounds	8,296,000	14,104,000
Dried Fruits.			
Cherries (2 varieties)	"	1,172,000	426,000
Prunes	"	1,094,000	419,000
Pears	"	2,919,000	2,074,000
Quinces	"	2,013,000	647,000
Figs	"	2,215,000	3,952,000
Raisins	"	527,000	1,295,000

(Source: Anuario Estadistico de la Republica de Chile).

EXPORTS FROM CEYLON OF COCONUT PALM PRODUCTS.

(000 omitted)

		1913.	1920.	1921.
Coconuts	nuts	16,858	9,579	23,376
Dessicated coconut	Lbs.	34,335	58,191	97,546
Copra	"	129,262	152,419	154,078
Coconut oil	"	61,124	57,565	56,229
Coconut poonac	"	26,876	10,279	18,686
Bristle fiber	"	9,305	9,599	10,672
Mattress fiber	"	19,483	18,693	12,320
Coir yarn	"	12,908	8,041	7,295

(Source: Indian Trade Journal).

FLAX.

Area of flax in Undermentioned Countries, 1909-1913, 1918, 1919 and 1920.
(000 omitted)

Country.	Average a 1909-1913.	1918.	1919.	1920.
	Acres.	Acres.	Acres.	Acres.
NORTHERN HEMISPHERE:				
United States	2,490	1,910	1,503	1,757
Canada	1,036	1,068	1,093	1,428
Mexico	.....	.....	.....	.....
Austria	b 97	13	7	8
Croatia Slavonia b	17	.....	.....	.....
Bosnis-Herzegovina b	.....	.....	.....	.....
Belgium	50	.....	54	125
Bulgaria	b 1	1	1	1
Czechoslovakia	.....	.....	c 37	54
France	b 61	b 28	52	70
Hungary	b 24	.....	.....	9
Ireland	53	143	96	127
Italy	22	48	47	69
Netherlands	33	14	24	60
Rumania	b 52	d 186	e 48	f 31
Russia proper	b 3,217	.....	.....	.....
Poland	b 88	.....	g 76	101
Northern Caucasia	b 104	.....	.....	.....
Serbia	b 4	.....	.....	.....
Spain	.....	4	2	3
Sweden	4	5	.....	7
British India	3,821	3,797	1,989	3,103
Japan	12	85	66	h 83
Russia (Asiatic) b	285	.....	.....	.....
Algeria	1	.....	1	1
Egypt	.....	.....	3	6
SOUTHERN HEMISPHERE.	Average, a 1908-09 -1912-13	1917-18.	1918-19	1919-20.
	Acres.	Acres.	Acres.	Acres.
Argentina	3,683	3,229	3,419	3,522
Uruguay	106	30	51	83

(Compiled from official sources).

a. Five-year average except in a few cases where statistics were unavailable.
b. Old boundaries.
c. Bohemia and Moravia only.
d. Includes Bessarabia but excludes Dobrudja.

AREA OF FLAX,-CONT'D.

e. Former Kingdom and Bessarabia.
f. Former Kingdom, Bessarabia and Bukowina.
g. Former Russian Poland and Western Galicia.
h. Unofficial.

FLAX,-CONT'D.

Production of flax in Undermentioned Countries, 1909-13, 1918, 1919 and 1920.

(000 omitted)

	Seed.				Fiber.			
	Average[a] 1909-1913	1918.	1919.	1920.	Average[a] 1909-1913	1918	1919.	1920.
	Bushels.	Bushels.	Bushels.	Bushels.	Pounds.	Pounds.	Pounds.	Pounds.
NORTHERN HEMISPHERE:								
United States	19,505	13,369	7,256	10,774	.....	.....	.....	.....
Canada	12,068	6,055	5,473	7,998	.....	.....	.....	.....
Mexico	150	.....	.....	.....	.....	.....	.....	.....
Austria	b 694	35	.....	38	b 53,096	.....	4,080	4,90
Croatia-Slavonia	b 21	.....	.....	.....	b 8,046	.....	.....	.....
Bosnia Herzegovina	b 4	.....	.....	.....	b 1,080	.....	.....	.....
Belgium	443	.....	476	862	46,487	.....	47,880	152,83
Bulgaria	b 7	.....	5	13	b 524	.....	180	55
Czechoslovakia	.....	.....	c 222	313	.....	.....	16,890	28,83
France	b 533	188	347	446	b 40,623	15,110	35,299	82,98
Hungary	b 196	.....	.....	.....	b 20,548	.....	.....	.....
Ireland	.....	.....	.....	.....	23,701	35,175	30,734	35,95
Italy	320	472	433	386	6,239	5,291	5,291	5,07
Netherlands ..	374	176	267	610	17,276	7,674	11,350	31,42
Rumania	b 503	d 292	e 305	f 139	b 4,864	d 4,453	e 2,293	.....
Russia proper	19,772	.....	.....	.....	1,022,484	.....	.....	.....
Poland	b 874	.....	556	.....	b 42,450	.....	.....	.....
Northern Caucasia	b 679	.....	.....	.....	b 26,130	.....	.....	.....
Serbia	b	.....	.....	.....	1,812	.....	.....	.....
Spain	.....	65	42	52	.....	6,768	970	71
Sweden	15	.....	.....	.....	1,208	.....	.....	.....
British India	19,773	20,600	9,400	16,760	.....	.....	.....	.....
Japan	.....	648	492	.....	30,003	24,511	18,300	.....
Russia(Asiatic)	b 1,456	.....	.....	.....	b 96,402	.....	.....	.....
Algeria	11	.....	7	7	.....	.....	.....	.....
Egypt								

PRODUCTION OF FLAX,-CONT'D.

(000 omitted).

Country.	Seed.				Fiber.			
	Average[a] 1908-09-1912-13	1917-18.	1918-19	1919-20	Average[a] 1908-09-1912-13	1917-18	1918-19	1919-20.
	Bushels.	Bushels.	Bushels.	Bushels.	Pounds.	Pounds	Pounds	Pounds.
SOUTHERN HEMISPHERE:								
Argentina	31,989	19,588	30,775	42,038	.....	.....	.....	.....
Uruguay	793	333	498	932	.....	.....	.....	.....

(Compiled from official sources).

a. Five-year average except in a few cases where statistics were unavailable.
b. Old boundaries.
c. Bohemia and Moravia only.
d. Includes Bessarabia but excludes Dobrudja.
e. Former Kingdom, Bessarabia and Bukowina.
f. Former Kingdom and Bessarabia.

WORLD PRODUCTION OF FLAX (SEED AND FIBER) AS FAR AS REPORTED, 1896-1920.

(000 omitted).

Year.	Production.		Year.	Production.	
	Seed.	Fiber.		Seed.	Fiber.
	Bushels.	Pounds.		Bushels.	Pounds.
1896	82,684	1,714,205	1909	100,820	1,384,524
1897	57,596	1,498,054	1910	85,253	913,112
1898	72,938	1,780,693	1911	101,339	1,011,350
1899	66,348	1,138,763	1912	130,291	1,429,967
1900	62,432	1,315,931	1913	132,477	1,384,757
1901	72,314	1,050,260	1914	94,559	1,044,746
1902	83,891	1,564,840	1915	103,287	975,685
1903	110,455	1,492,383	1916	82,151	175,239
1904	107,743	1,517,922	1917	41,063	162,952
1905	100,458	1,494,229	1918	61,821	98,982
1906	88,165	1,871,723	1919	56,611	173,267
1907	102,960	2,042,390	1920	81,480	346,420
1908	100,850	1,907,591			

FLAXSEED.

International Trade, for Calendar Years, 1911-1920.

Year.	Argentina.		Australia.		Austria-Hungary.		Belgium.	
	Imports.	Exports.	Imports.	Exports.	Imports.	Exports.	Imports	Exports.
	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.
1911	a	16,369	58	a	1,426	38	8,958	6,034
1912	1	20,290	111	a	1,788	48	8,780	5,880
1913	a	40,027	139	a	2,526	36	10,200	5,980
1914	a	33,132	180	a	.....	.....	.....	.....
1915	3	38,627	350	a	.....	.....	.....	.....
1916	....	25,192	395	a	.....	.....	.....	.....
1917	....	5,563	617	a	.....	.....	.....	.....
1918	....	15,408	803	a	.....	.....	.....	.....
1919	a	33,677	369	a	.....	.....	1,009	38
1920	....	39,952	...	....	.....	.....	827	111

Year.	British India.		Canada.		China.		Finland.	
1911	.....	.....	256	804	.....	.....	b 117	a
1912	353	14,133	6	8,181	.....	900	b 105	a
1913	294	14,685	5	22,949	.....	396	b 107	a
1914	342	14,067	a	7,953	.....	444	b 124	.....
1915	155	7,188	77	2,021	.....	364	b 258	.....
1916	335	15,559	1	4,825	.....	482	b 224	.....
1917	314	7,439	2	6,275	.....	333	b 104	.....
1918	379	8,867	13	2,088	63	210	b 30	.....
1919	243	13,341	27	1,173	27	555	b 85	.....
1920	280	7,839	617	1,519	3	242	b 105	.....

a. Less than 500 bushels.
b. Includes hempseed.

FLAXSEED.

International Trade, for Calendar Years 1911-1920. (Cont'd)

Year.	France.		Germany.		Italy.		Japan.	
	Imports.	Exports.	Imports.	Exports.	Imports	Exports.	Imports.	Exports.
	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.
1911	4,147	109	10,879	250	1,619	1	27	27
1912	5,418	31	12,995	213	1,688	a	....	....
1913	9,346	41	22,063	167	1,788	2	....	....
1914	4,861	78	.....	....	1,275	a	....	.....
1915	1,322	73	.....	....	1,509	a	77	.....
1916	2,471	65	.....	....	1,055	a	272	90
1917	1,886	49	.....	....	888	.....	149	203
1918 1...	1,028	5	.....	....	141	a	262	78
1919	4,001	22	.....	....	519	a	347	344
1920	1,284	67	2,089	13	871	a	114	74

	Morocco (French).		Netherlands.		Norway.		Rumania.	
1911 ...	.....	414	6,738	1,691	361	....	38	143
1912 ...	.....	530	8,225	2,373	395	....	5	98
1913 ...	.....	69	11,261	3,400	579	....	15	119
1914 ...	.....	419	10,304	2,731	470	....	7	142
1915 ...	.....	281	13,414	149	519	....	78	a
1916 ...	.....	82	6,814	136	492	....	....	.....
1917	.....	169	777	237	239	....	....	.....
1918 ...	.....	153	3	178	a	.....	....	.....
1919 ...	.....	....	3,808	90	351	....	6	.....
1920 ...	.....	706	3,826	179	332	.....	.....	.....

a. Less than 500 bushels.

FLAXSEED.

International Trade, for Calendar Years, 1911-1920. (Cont'd).

Year.	Russia.		Sweden.		Tunis.		United Kingdom.	
	Imports.	Exports.	Imports.	Exports.	Imports.	Exports.	Imports.	Exports.
	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.
1911	60	6,340	791	a	a	25	10,518	.....
1912	92	6,588	805	a	a	23	11,246	.....
1913	87	4,289	1,137	22	a	70	25,961	.....
1914	48	3,641	981	31	a	18	19,055	.....
1915	39	428	1,166	a	a	51	16,287	.....
1916	.....	829	1,011	.....	a	12	20,023	.....
1917	.....	....	9	.....	a	7	8,026	.....
1918	.....	....	67	.....	a	41	10,476	.....
1919	.....	....	695	a	3	38	22,116	.....
1920	.....	....	1,085	.....	1	36	15,520	.....

	United States.		Uruguay.		Other Countries.		Total	
1911	7,480	1	.....	520	379	127	53,852	32,893
1912	7,833	20	.....	658	513	208	60,359	60,174
1913	6,580	283	.....	1,804	832	81	92,920	94,420
1914	9,247	24	.....	1,069	976	48	47,870	63,797
1915	14,697	5	.....	564	1,387	24	51,338	49,775
1916	13,098	2	.....	322	1,530	10	47,721	47,606
1917	9,394	5	.....	14	289	34	22,694	20,328
1918	12,974	26	.....	105	64	136	26,303	27,295
1919	14,036	17	.....	541	733	90	48,287	49,347
1920	24,641	16	.....	784	1,084	53	48,037	9,995

a. Less than 500 bushels.

FLAX AND LINEN INDUSTRY IN RUSSIA

Flax is one of the products in which Russia was before the war the most important factor, producing about 80% of the world crop. The following translation of articles on the Russian flax and linen situation published in the March 30 and March 31 issue of the Moscow Daily, "Economic Life", is therefore of interest.

Before the war flax fiber was grown over a considerable area which was about 2,700,000 acres in 1914. It was and is now grown mainly by the peasants, the area cultivated by non-peasants amounting to only about 13%.

Russia is a country of limited capital and had to balance her imports by exports of commodities. Flax took an important place among the latter, ranking third, following breadstuffs and wood (manufactured and unmanufactured). The exports of flax fiber in 1911 amounted to 249,000 short tons, in 1912 to 390,000 tons and in 1913 to 336,000 tons.

After 1914 the flax growing industry began its disastrous decline and the production was reduced to the extreme which may be seen from the following relative percentages based upon the 1914 acreage.

1914	100%	1918	66%
1915	92%	1919	50%
1916	84%	1920	25%
1917	80%	1921	12-15%

The principal cause of this precipitous decline is the prevailing low price of flax as compared with that of other commodities. Thus formerly 7 pounds of flax cound be bought for 36 pounds of rye while in 1919 72 pounds of flax could be bought for the same quantity of rye and in 1920 still more. In other words, the relative price of flax fell to about 8% of its pre-war relative value.

The consequences of the continuous fall in the production of this fiber are becoming fully evident. Deliveries to the mills are now decreasing and in spite of the new economic policy only weak attempts are being made to increase the acreage. Development of trade with western Europe is logically inevitable. When the question arises of paying for the imports flax will probably be one of the most important products. It is therefore, of great and immediate importance for Russia to increase flax growing to at least its former magnitude.

Russia produced flax not only for export but also for the needs of her own linen industry which has developed rapidly since 1900. In 1912 Russia had over 12% of the world's number of spindles which consumed native flax exclusively. At present the number of spindles and looms is the same as before the war (400,000 spindles and 13,000 looms). The decline of the industry is reflected mainly in the reduced output which is due to lack of fuel and equipment as well as to the acute labor question. The mills were always supplied with raw material and during the past three years not one mill had to suspend operations on account of lack of raw material. But the quality of the flax is considerably inferior, the average count of the yarn getting constantly lower as a consequence.

During 1921 the conditions with respect to fuel were serious. Particularly grave was the question of labor because of the insufficient supply of skilled labor together with the low pay and low productivity. The question of the minimum living wage was not settled during 1921 on which account the mills did not resume

FLAX AND LINEN INDUSTRY IN RUSSIA,-CONT'D.

work after the summer suspension. The new minimum wage arrived at is very unsatisfactory because it hardly provides for a semi-starvation existence of the operatives. The number of working spindles fell from 250,000 in 1918 to 105,000 in 1921 which is 26% of the existing number, Production in 1921 was 16% of pre-war for yarn and 14% of pre-war for cloth.

The new economic policy was introduced into the linen industry earlier than in other industries. Up to this time seven linen trusts have been formed. Since the organization of these trusts conditions have improved. Thus in October 1921 the production of yarn by all mills was 1,105,000 pounds, in November 2,239,000 pounds, in December 3,106,000 pounds, and in January 1922, 3,611,000 pounds. The increase in production must to a considerable extent be ascribed directly to the organization of the trusts.

The output per working spindle is near to the pre-war level in some mills and equal to it in some others. On the basis of the production for last January it may be expected that approximately 32,000,000 pounds of yarn and 42,000,000 square yards of cloth may be produced in 1922 which would be equivalent to about 27% of the pre-war production. Under present conditionsit is impossible to expect more.

EXPORTS OF WOOL FROM THE UNION OF SOUTH AFRICA.

The exports of wool from the Union of South Africa in 1921 were 93% more than in 1920, 25% more than in 1919 and 30% more than in 1913. The increased exports in 1921 went principally to the United Kingdom, France, and Germany, the exports to the latter being more than six times greater than in 1920.

The exports for the past three years and for 1913, by countries are given in the tables below:

Country of Destination	1913	1919	1920	1921
	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
United States	217	54,339	16,257	16,607
United Kingdom	93,691	78,046	42,625	101,878
Belgium	18,593	9,469	16,579	27,757
France	4,896	8,582	1,240	21,094
Germany	58,645	.....	7,338	49,853
Japan	.....	33,701	31,902	7,322
Others	930	816	3,564	5,911
Total	176,972	184,953	119,505	230,422

(From official sources).

FLAX INDUSTRY IN FINLAND.

The decreased demand towards the end of last year in several industries did not affect the linen industry. The work in the one linen factory in the country was satisfactory and the supply of orders ample. Considerable quantities of flax were imported last year, as the domestic production is not nearly sufficient to meet the demand, notwithstanding the efforts being made to encourage the cultivation of flax.

Imports of flax into Finland.

	1913	1919	1920	1921
	Pounds	Pounds	Pounds	Pounds
Russia	5,229,959	101,121	.....	.....
Esthonia	.....	1,284,733	1,742	2,669,616
Netherlands	.....	.....	.....	813,987
Germany	.....	.....	.....	149,664
Great Britain	95,704	52,719		.....
Sweden	.....	.....	44	.....
Others	36,517	.....	.....	44,105
Total	5,362,180	1,438,572	1,786	3,677,372

(Source: American Consul, Helsingfors, Finland).

EXPORTS OF VEGETABLE OILS FROM HONGKONG.

	1919	1920
	Pounds	Pounds
Aniseed oil	697,000	547,000
Cassia oil	302,000	280,000
Peanut oil	22,066,000	20,247,000
Wood oil	10,945,000	10,080,000

(Source: Commerce Reports).

LIVE STOCK AND THE PRODUCTION OF WOOL IN CHILE IN 1913, 1918 AND 1919.

	1913	1918	1919
	Number	Number	Number
Cattle	2,084,000	2,225,000	2,163,000
Swine	184,000	326,000	292,000
Sheep	4,567,000	4,434,000	4,500,000
Goats	288,000	452,000	460,000
Horses	489,000	411,000	392,000
Mules	34,000	53,000	51,000
Asses	30,000	38,000	36,000
	Pounds	Pounds	Pounds
Sheep's wool	23,881,000	33,765,000	37,340,000

(Source: Anuario Estadistico de la Republica de Chile).

ANIMALS SLAUGHTERED AND MEAT CONSUMPTION IN SPAIN

According to statistics published by the Inspeccion General de Higeiene y Sanidad Pecuaria (Live Stock Health and Sanitary Inspection) the number and weight of cattle, sheep, goats and swine slaughtered in the official abattoirs of Spain for public consumption during 1920 was as follows:

Kind of Animals	Number	Pounds
Cattle	1,067,000	47,603,000
Sheep	7,324,000	145,336,000
Goats	1,504,000	43,122,000
Swine	2,525,000	555,809,000
Total	12,420,000	1,215,870,000

The 1,215,870,000 pounds of animals slaughtered in the official abattoirs divided among the 21,000,000 inhabitants gives an annual average per capita consumption of 57.9 pounds or an average daily per capita consumption of about 2.6 ounces.

(Source: La Informacion Agricola, Spain).

STOCKS OF B. A. W. R. A. WOOL.

The Yorkshire Observer publishes the statement issued by the British-Australian Wool Realization Association, Ltd., regarding its stocks on March 31, 1922. The figures quoted and percentages are given in the following table. It will be seen from the last column that the disposal during the first quarter of 1922 were as follows: Australian merinos 31%; Australian crossbred 8%, New Zealand 13%; South African 31%; and all wools 16% of the stocks held at the end of 1921.

Stocks and Afloat.

Australian bales average about 330 pounds;
South African bales average about 370 pounds.

	Stocks and afloat December 3, 1921	Disposals to March 31, 1922	Stocks and afloat March 31, 1922	Per cent of stocks disposed of during first quarter of 1922
	Bales	Bales	Bales	Per cent
Australian -				
Merino:				
Combing	308,404	95,371	213,033	31
Clothing	67,547	25,705	41,842	38
Carbonizing	44,142	10,990	33,152	25
Total Merino	420,093	143,066	288,027	31
Crossbred:				
Combing	508,500	50,110	458,390	10
Clothing	103,593	6,182	97,411	6
Carbonizing	143,424	6,621	136,803	5
Total Cressbred	755,517	62,913	692,604	8
Total Australian	1,175,610	194,979	980,631	17
New Zealand:				
Merino	2,739	181	2,558	7
Crossbred (bulk combing)	337,450	51,730	325,720	14
Slipes	125,998	12,532	113,466	10
Scoured	127,876	15,354	112,522	12
Total New Zealand	634,063	79,797	554,266	13
Total Australasian	1,809,673	274,776	1,534,897	15
South African	80,674	24,982	55,692	31
Grand Total	1,890,347	299,758	*1,590,589	16

* Does not include 3,554 bales of reconditioned wool.

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON APRIL 22, 1921 AND 1922.

The English Currency has been converted to United States Currency according to the exchange rates prevailing on April 22, 1921 and 1922.

Commodity and Grade	Shillings-Pence per unit of quantity.				Cents per unit of quantity			
	1921		1922		1921		1922	
	Low	High	Low	High	Low	High	Low	High
	Per quarter of 504 pounds				Per bushel of 60 pounds			
Wheat:								
English	85/0	95/0	53/0	56/0	198.9	222.3	139.4	147.3
Australian	....	....	61/0	62/0	.....	.....	160.5	163.1
Foreign	78/0	92/0	56/0	65/0	182.5	215.3	147.3	180.0
	Per quarter of 480 pounds				Per bushel of 56 pounds			
Corn:								
Argentine	56/0	57/0	41/6	42/6	128.4	130.7	107.0	109.5
American	53/0	54/0	33/0	34/0	121.6	123.9	85.1	87.7
Rumanian	55/0	55/0	....	....	123.9	126.1	.....	.....
South African	57/0	58/0	37/0	38/0	130.7	133.0	95.4	98.0
	Per cwt. of 112 pounds				Per pound			
Bacon:								
Irish (ex-factory):								
Sixes	210/0	215/0	152/0	154/0	36.9	37.7	30.0	30.4
Extra heavy ..	200/0	.....	148/0	.....	35.1	....	29.2	.....
Danish:								
No.1 sizeable	217/0	.....	136/0	.....	38.1	....	26.8	....
Seconds	206/0	212/0	129/0	129/0	36.1	37.2	23.7	25.4
Swedish:								
No.1 sizeable	210/0	.....	130/0	134/0	36.9	....	25.6	26.4
Seconds	200/0	204/0	.....	.....	35.1	35.8	....	....
Dutch:								
No.1 sizeable	196/0	200/0	122/0	125/0	34.4	35.1	24.1	24.8
Seconds	188/0	190/0	.....	.....	33.0	33.3	....	....
Canadian:								
Leanest	160/0	170/0	115/0	125/0	28.1	29.8	22.7	24.7
Lean	140/0	160/0	112/0	125/0	24.6	28.1	22.1	24.7
Stout & heavy	140/0	150/0	116/0	122/0	24.6	26.3	22.9	24.1
Seconds	110/0	130/0	105/0	114/0	19.3	22.8	20.7	22.5
American Wiltshire:								
Sides:								
Leanest	130/0	140/0	95/0	105/0	22.8	24.6	18.7	20.7
Lean	130/0	140/0	95/0	100/0	22.8	24.6	18.7	19.7
Stout	130/0	135/0	95/0	100/0	22.8	23.7	18.7	19.7
Seconds	130/0	132/0	95/0	.....	22.8	23.2	18.7	.....
Cumberland cut:	135/0	.....	100/0	.....	23.7	....	19.7	....
" bellies:								
(Fre. cut)	130/0		76/0	84/0	23.1	....	15.0	16.6

GREAT BRITAIN: - PRICES OF WHEAT, CORN, BACON AND LARD ON APRIL 22, 1921 AND 1922,- CONTINUED.

Commodity and Grade	Shillings-Pence per unit of quantity				Cents per unit of quantity			
	1921		1922		1921		1922	
	Low	High	Low	High	Low	High	Low	High
	Per cwt. of 112 pounds				Per pounds			
Lard:								
Irish bladders	80/0	90/0	68/0	76/0	14.0	15.8	13.4	15.
" boxes ...	76/0	98/0	64/0	....	13.3	17.2	12.6	...
Danish	75/0	....	68/0	70/0	12.8	....	13.4	13.
U. S. Pails ...	75/0	....	70/9	....	13.3	....	13.9	...
U. S. cartons	....	....	70/0	72/0	....	....	13.8	14.
U. S. boxes ...	74/3	....	65/6	67/3	13.0	....	12.9	13.
U. S. tierces ..	74/0	....	66/9	67/0	13.0	....	13.2	13.
Dutch	....	....	64/6	65/0	....	....	12.7	12.

(Source: Grocer and Oil Trade Review).

EXPORTS OF RUBBER FROM CEYLON.

Destination	1920	1921
	Pounds	Pounds
United Kingdom	44,718,000	29,708,000
America	38,814,000	53,881,000
Continental Europe	2,500,000	5,824,000
Others	1,264,000	658,000
Total	87,296,000	90,071,000

(Source: Indian Trade Journal).

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. JUNE 14, 1922. NO. 19.

CONTENTS.

SUMMARY OF THE CONTENTS OF THIS NUMBER.

The total production of wheat for the Southern Hemisphere for 1921-22 (Argentina, Chile, Uruguay, Union of South Africa, Australia and New Zealand) plus the estimate for British India is 712,777,000 bushels or an increase of 100,664,000 bushels compared with the same total for last year of 612,113,000 bushels. The increase of this year's total production compared with the five-year average 1909-10 to 1912-13 of 633,161,000 bushels is nearly as great amounting to 79,616,000 bushels.

The condition of the wheat crop is quite variable in Europe but in general recent rains and the advent of warmer weather are facilitating growth and improving the condition. The condition of the crop is not up to average in France, Germany and Poland but is about average elsewhere.

SUMMARY OF THE CONTENTS OF THIS NUMBER,-CONT'D.

The warmer weather prevailing in Central Europe and the abundance of moisture have been very favorable to the planting and germination of the corn crop.

The condition of the cotton crop in Egypt was reported as quite satisfactory at the beginning of May.

The quantity of creamery butter produced in Canada in 1921 was 122,777,000 pounds or an increase of 11,086,000 pounds compared with the production in 1920. The production of cheese in 1921 was 161,063,000 pounds or an increase of 11,861,000 pounds over that of 1920. The production of condensed and evaporated milk shows a decrease being 71,340,000 pounds in 1921 compared with 84,496,000 pounds in 1920.

The number of animals slaughtered in inspected establishments in Germany during the first nine months of 1921 shows a large increase over the first nine months of 1920. The total number of cattle slaughtered in the first nine months of 1921 was 1,694,000 compared with 846,000 in the first nine months of 1920; the number of swine slaughtered was 1,416,000 compared with 356,000 and the number of sheep 666,000 compared with 210,000. The number of animals killed for the entire year of 1920 shows a great decrease compared with 1913.

The number of cattle in Finland has increased slightly being reported as 1,812,000 in 1920 compared with 1,605,000 in 1910. The number of sheep and hogs has decreased the number of sheep being reported as 1,032,000 in 1920 compared with 1,341,000 in 1910 and the number of hogs 370,000 compared with 422,000.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT.

Wheat is showing a strong healthy stand in Great Britain and although growth is slightly backward the favorable weather conditions now prevailing are having a beneficial effect and the present prospect indicates that a good crop may be expected. The spring has been later than usual in Norway and growth is slow; the condition of the crop is generally fair.

WARMER WEATHER FAVORS GROWTH.

Considerable improvement is reported in France due to the advent of more favorable weather but growth is still backward and the condition of the crop in general is below average. Rapid growth is reported in Germany due to the warmer weather but the crop is quite late and not up to the average. Some damage from the cold weather early in the season is reported in Belgium but the crop condition

CONDITION BELOW AVERAGE IN FRANCE AND GERMANY.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT,-CONT'D.

CONDITIONS VARIABLE IN CENTRAL EUROPE.

Present conditions are generally favorable for growth in Austria and Hungary and although some poor fields are complained of, the crop is generally in average condition. Warmer weather is needed in Czechoslovakia and some winter wheat has been abandoned. This has probably been compensated for by an increase in spring seedings. The outlook for the winter wheat crop is good in Bulgaria and recent rains have benefited spring wheat. Favorable weather is reported in Yugoslavia and is greatly facilitating crop growth. Winter wheat is looking good in Rumania; spring wheat has germinated well and is making good growth. The low temperature and frosts during April caused some damage to the crop in Poland and the condition is slightly below average. Growing conditions are reported as more favorable in northern and central Italy.

CONDITION GOOD IN EGYPT.

Recent rains although still inadequate have benefited the wheat crop in Northern Africa and an average yield will be harvested in some districts. The condition of the wheat in Egypt is above average in Lower and Upper Egypt and average in Middle Egypt. Rust and smut have been reported from nearly all the provinces but have caused no serious damage.

AREA IN INDIA 3,076,000 ACRES LARGER THAN LAST YEAR.

The latest estimate of the area of the wheat crop in British India for 1921-22 is 28,203,000 acres compared with 25,127,000 acres for the same date last year. The final revised area for last year was 25,722,000 and that of the five-year average, 1915-16 to 1919-20 was 30,499,000 acres.

PRODUCTION IN INDIA 120,288,000 BUSHELS LARGER THAN LAST YEAR.

The latest estimate of the production for 1921-22 is 366,539,000 bushels compared with 246,251,000 bushels for the corresponding date of last year. The final revised estimate for last year is 250,469,000 bushels and that of the five-year average is 346,737,000 bushels.

SEEDING CONDITIONS FAVORABLE IN ARGENTINA.

Moisture conditions in Argentina continue favorable for plowing and seeding of the 1922-23 crop and a large acreage will probably be sown. The production for 1921-22, early in the season was estimated at 154,873,000 bushels compared with 169,756,000 bushels in 1920-21 and 170,871,000 for the five-year average 1915-16 to 1919-20. It is generally expected however, that the production will exceed this early estimate.

Foreign Crops and Markets.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT,-CONT'D.

LARGE ACREAGE INDICATED IN AUSTRALIA.

Seeding conditions continue to be very favorable in Australia and it is indicated a large acreage will be sown. The latest estimate of the production for 1921-22 is 136,168,000 bushels compared with 143,965,000 bushels in 1920-21 and 117,129,000 bushels for the five-year average.

TOTAL PRODUCTION FOR SOUTHERN HEMISPHERE 63,813,000 BUSHELS ABOVE FIVE-YEAR AVERAGE 1909-10 to 1912-13.

The total production of wheat in the Southern Hemisphere for 1921-22 for the countries for which data are available (Argentina, Chile, Uruguay, Union of South Africa, Australia and New Zealand) was 346,238,000 bushels compared with 361,644,000 bushels for last year or a decrease of 15,406,000 bushels. The production for 1921-22 shows an increase of 63,813,000 bushels however compared with the five-year average 1909-10 to 1912-13 which was 282,425,000 bushels.

TOTAL PRODUCTION OF SOUTHERN HEMISPHERE AND BRITISH INDIA 79,616,000 BUSHELS ABOVE FIVE-YEAR AVERAGE 1909-10 TO 1912-13.

The total production for the Southern Hemisphere for 1921-22 plus the estimate for British India is 712,777,000 bushels or an increase of 100,664,000 bushels compared with the same total for last year of 612,113,000 bushels. The increase of this year's total production compared with the five-year average 1909-10 to 1912-13 of 633,161,000 bushels is nearly as great amounting to 79,616,000 bushels.

CORN.

The warmer weather prevailing in Central Europe and the abundance of moisture have been very favorable to the planting and germination of the corn crop. The production of corn in Argentina for 1921-22 was 156,054,000 bushels compared with 230,423,000 bushels in 1920-21; or a decrease of 74,369,000 bushels. This shows a decrease of 21,839,000 bushels compared with the five-year average 1915-16 to 1919-20 of 177,893,000 bushels.

COTTON.

The condition of the cotton crop in Egypt during the first part of May is reported as having been quite satisfactory due to the favorable weather conditions then prevailing. Some reseeding is said to have been necessary but not more than usual. There was a serious water shortage during April and as fertilizers were not extensively used it is possible that the crop will suffer both in quantity and quality. The area planted is reported to be about the same as that of last season as far as Lower Egypt is concerned but an increased acreage is expected in Upper Egypt.

Foreign Crops and Markets.

CROP PRODUCTION IN KENYA COLONY, (BRITISH EAST AFRICA).

Crop	1920-21	(Estimated) 1921-22
	Bushels	Bushels
Corn	588,000	1,372,000
Wheat	430.000	843,000
Beans	55,000	57,000
Linseed	8,000	.....
	Pounds	Pounds
Coffee	10,063,000	11,200,000
Sisal	13,868,000	17,013,000
Flax	4,151,000	4,735,000
Tow	5,551,000	3,924,000

(Source: The Board of Trade Journal).

SESAMUM IN BRITISH INDIA.

Recent figures for the sesamum crop of British India give an area for 1921-22 of 4,641,000 acres as compared with 4,432,000 acres in 1920-21 and 4,542,000 acres for the five-year average 1915-16 to 1919-20. The production for 1921-22 is given as 577,000 short tons as compared with 428,000 for 1920-21 and 473,000 for the five-year average 1915-16 to 1919-20.

(Source: Supplementary Memorandum of the Department of Statistics).

COFFEE IN SALVADOR.

Coffee is the chief agricultural industry of the country and the coming crop, 1922-23, from present indications may reach 102,000,000 pounds, exceeding the 1920-21 crop.

(Source: Vice-Consul, San Salvador.)

PRODUCTION OF OLIVES AND OLIVE OIL IN ITALY, AVERAGE 1909-1913, 1919, 1920 AND 1921.

Year	Area	Production of Olives	Production of Oil
	Acres	1,000 pounds	1,000 gallons
Average, 1909-1913	5,701,000	2,373,472	47,894
1919	5,666,000	1,777,128	37,354
1920	5,664,000	2,689,612	53,864
1921 a	.....	2,204,630	49,250

(Source: Notize Periodiche di Statistica Agraria, Italy).
a. International Institute of Agriculture.

PRODUCTION OF GRAPES AND WINE IN ITALY, AVERAGE 1909-1913, 1919, 1920 AND 1921.

Year	Area	Production of Grapes	Production of Wine
	Acres	1,000 pounds	1,000 gallons
Average 1909-1913	10,981,000	15,645,164	1,215,605
1919	10,536,000	11,914,981	924,648
1920	10,467,000	14,477,608	1,117,281
1921	10,467,000	11,036,889	a 725,919

(Source: Notize Periodiche di Statistica, Agraria, Italy).
a. International Institute of Agriculture.

SUGAR IN AUSTRIA.

The production of raw sugar in Austria during the 1921-22 campaign amounte to 17,992 short tone or about 30% of the pre-war output. This sugar was produced by seven factories, four of which are in Lower Austria and produced 14,578 tons. The principal causes for so small an output were the low price for beets establis ed by the government and the high prices for labor.

(Commerce Reports)

Foreign Crops and Markets.

TEA IN DUTCH EAST INDIES.

The Society of Tea Exporters of Batavia has issued a circular which gives a comprehensive general review of the conditions prevailing with regard to Netherlands East Indian teas during 1921.

The crop harvested during the year was considerably smaller than for many years past, owing chiefly to the finer plucking adopted on a large number of estates, but also in part to unfavorable climatic conditions and to the fact that rather more than twenty estates closed down. Business and shipping facilities having become normal again, the export figures might have been accepted as representing approximately the production were it not for the large excess of unshipped 1920 teas carried over which probably amounted to about 6,500,000 pounds. On this basis the 1921 crop from Java and Sumatra, as compared with those of the two previous years would be as follows:

	1919	1920	1921
	Pounds	Pounds	Pounds
Java	93,700,000	103,600,000	61,700,000
Sumatra	8,800,000	11,000,000	8,800,000
Total	102,500,000	114,600,000	70,500,000

A much higher general average quality than ever before was reached owing to the fine plucking and careful manufacture adopted on a large number of estates.

The exports from Java and Sumatra are as follows:

Country of destination	Java		a. Sumatra	
	1920	1921	1920	1921
	Pounds	Pounds	Pounds	Pounds
Netherlands	37,181,000	24,698,000	2,570,000	3,199,000
United Kingdom	25,834,000	14,634,000	8,077,000	5,709,000
Australia	19,297,000	21,574,000	.....	1,000
United States	7,661,000	5,593,000	.....	.....
Others	3,903,000	1,293,000	664,000	345,000
Total	93,876,000	67,794,000	11,311,000	9,254,000

a. Data of the Medan Chamber of Commerce.

The year 1922 opened under much improved circumstances, the statistical position having undergone a complete change owing to the enormous reduction which has taken place in production and the considerable increase in consumption.

QUANTITY AND VALUE OF CREAMERY BUTTER IN CANADA, BY PROVINCES, 1920 AND 1921.

Province	1920		1921	
	Quantity	Value	Quantity	Value
	Pounds	Dollars	Pounds	Dollars
Prince Edward Island	1,166,032	674,744	1,109,546	452,523
Nova Scotia	2,503,188	1,518,757	3,094,768	1,306,465
New Brunswick	1,053,649	606,891	1,152,168	475,112
Quebec	41,632,511	23,580,949	42,575,392	15,431,962
Ontario	37,254,998	21,343,858	43,525,742	16,665,277
Manitoba	7,578,549	4,282,731	8,541,095	3,253,057
Saskatchewan	6,638,656	3,727,140	7,030,053	2,552,698
Alberta	11,821,291	6,555,509	12,929,264	4,478,585
British Columbia	2,062,844	1,334,624	2,818,552	1,277,409
Total for Canada	111,691,718	63,625,203	122,776,580	45,893,088

(Source: Dominion Bureau of Statistics).

QUANTITY AND VALUE OF FACTORY CHEESE IN CANADA, BY PROVINCES, 1920 AND 1921.

Provinces	1920		1921	
	Quantity	Value	Quantity	Value
	Pounds	Dollars	Pounds	Dollars
Prince Edward Island	2,081,277	525,635	1,681,779	293,651
Nova Scotia	52,638	14,865	29,440	5,578
New Brunswick	1,235,008	336,409	1,100,382	203,941
Quebec	52,162,777	13,372,250	53,525,706	9,188,983
Ontario	92,784,757	24,605,823	103,135,613	18,604,766
Manitoba	116,229	31,611	255,829	47,341
Saskatchewan	28,367	7,790	22,659	4,209
Alberta	398,750	110,355	889,904	186,175
British Columbia	342,053	96,134	421,314	80,541
Total for Canada	149,201,856	39,100,872	161,062,626	28,615,185

(Source: Dominion Bureau of Statistics).

QUANTITY AND VALUE OF CONDENSED MILK PRODUCTS, IN CANADA, 1920 AND 1921.

Kind	1920		1921	
	Quantity	Value	Quantity	Value
	Pounds	Dollars	Pounds	Dollars
Condensed milk	53,662,699	10,202,230	39,101,243	5,844,333
Evaporated milk	30,469,642	3,809,653	31,202,713	3,428,456
Condensed skim milk	363,294	18,723	1,096,006	39,082
Milk powder	(	(	1,493,909	492,042
Skim milk powder	(7,574,668	(2,178,176	5,618,700	811,006
Sterilized milk	7,608,927	785,044	6,696,264	719,009
Casein	109,958	19,233	98,136	9,814

(Source: Dominion Bureau of Statistics).

NUMBER OF ANIMALS SLAUGHTERED IN INSPECTED ESTABLISHMENTS IN GERMANY DURING THE CALENDAR YEARS 1913 AND 1920 AND IN THE FIRST 9 MONTHS OF 1920 and 1921.

Class of Animals	Calendar year, 1913	Calendar Year, 1920	First 9 months, 1920	First 9 months 1921
Oxen	518,000	236,000	64,000	98,000
Bulls	498,000	296,000	88,000	113,000
Cows	1,634,000	896,000	218,000	340,000
Young cattle over 3 months	879,000	662,000	180,000	282,000
Calves under 3 months	4,088,000	1,224,000	296,000	,861,000
Swine	17,872,000	3,012,000	356,000	1, 416,000
Sheep	2,093,000	722,000	210,000	666,000
Goats	470,000	448,000	62,000	57,000
Horses	163,000	147,000	28,000	31,000
Dogs	7,000	7,000	2,000	1,000

(Source: Vierteljahrshefte zur Statistik des Deutchen Reichs IV, 1921).

LIVESTOCK IN FINLAND ON SEPTEMBER 1, 1920.

The following advance information concerning the number of domestic animals in Finland on September 1, 1920 has been furnished by the Finnish Board of Agriculture.

Kind.	Number on -		
	September 1910.	November 1918.	September 1, 1920.
Horses	366,000	262,000	372,000
Cattle	1,605,000	1,445,000	1,812,000
Sheep	1,341,000	a 828,000	1,032,000
Goats	11,000	.....	13,000
Swine b	422,000	111,000	370,000
Reindeer	127,000	No data	53,000

(Source: American Consul, Helsingfors, Finland).

a. Includes goats.

b. It is difficult to make comparisons in regard to swine, as in 1910 the age limit was 8 months, in 1918, 4 months, and in 1920, 6 months.

ESTIMATED NUMBERS OF CATTLE AND HORSES IN BELGIUM IN 1921.

The latest estimate of horses and cattle in Belgium shows that the numbers are increasing regularly.

The number of horses used for agricultural purposes was estimated at 222,055 in 1921 as compared with 162,000 in 1919 and 205,000 in 1920. As concerns, cattle, the number was estimated at 1,514,953 in 1921, as against 1,285,956 in 1919 and 1,487,361 in 1920. About 80% of the total number of cattle as estimated in 1921 were milk cows and heifers or, 779,966 milk cows and 435,780 heifers.

(Source: Journal d'Agriculture Pratique, Paris).

LIVE STOCK IN THE PROVINCE OF YUNNAN, CHINA.

The Yunnan Industrial Improvement Association has issued a report on husbandry in Yunnan which comprises about 146,680 square miles or about 10% of the total area of China proper from which it appears that at the end of 1921 there were 308,000 horses, 605,000 cattle, 124,000 donkeys, 1,062,000 sheep and 1,484,000 pigs in the province.

(Source: Republic of China Government Bureau of Economic Information, April 1, 1922).

CHILEAN NITRATE - MARCH 31, 1922.

	1913-14.	1919-20.	1920-21.	1921-22.
	Short tons.	Short tons	Short tons	Short tons
Deliveries:				
Europe and Egypt - July - March ...	1,512,000	691,000	582,000	662,000
United States, July - March	410,000	419,000	637,000	368,000
Japan and Other Countries, July - March	82,000	141,000	73,000	77,000
Stocks in Europe and Egypt, March 31	300,000	194,000	669,000	523,000
Flottant (uncertain) for Europe and Egypt, March 31	456,000	212,000	288,000	50,000
Visible stocks:				
Europe and Egypt, March 31	756,000	406,000	957,000	573,000
United States " "	107,000	279,000	279,000	127,000
Japan and Other Countries March 31...	18,000	83,000	83,000	11,000
Stocks in Chile March 31.....	581,000	1,343,000	1,343,000	1,658,000
Total visible stocks, March 31	1,462,000	2,110,000	2,628,000	2,369,000

(Source: Les Mercuriales Agricoles - Anvers, Belgium, No. 14, Vol. VI, April 1922.).

CHILEAN NITRATE - STOCKS IN EUROPE AND EGYPT, MARCH 31, 1922.

Country.	Short tons.	Countries.	Short tons.
United Kingdom	66,000	Italy.....	13,000
France	166,000	Scandanavian Countries	20,000
Belgium	169,000	Germany and Baltic Ports	49,000
Holland	30,000	Egypt	2,000
Spain and Portugal	11,000		

(Source: Les Mercuriales Agricoles, Anvers, Belgium).

IMPORTS OF GRAINS, MEATS AND COTTON INTO THE UNITED KINGDOM FROM ALL COUNTRIES AND THE UNITED STATES FOR APRIL, 1921 AND 1922 AND ACCUMULATIONS FOR 4 MONTHS ENDED APRIL 30, 1921 AND 1922.

Commodity	UNIT	April, 1921	April, 1922.	4 months ended Apr. 30, 1921	4 months ended Apr. 30, 192
Wheat, Total	Bus.	10,953,000	19,316,000	33,324,000	59,166,000
From U. S.	"	3,698,000	6,026,000	14,628,000	23,345,000
Wheat flour, Total	Bbls.	634,000	897,000	2,382,000	2,580,000
From U. S.	"	332,000	358,000	949,000	1,038,000
Corn, Total	Bus.	6,500,000	6,931,000	19,573,000	24,929,000
From U. S.	"	3,367,000	3,149,000	8,359,000	14,485,000
Barley, Total	"	2,150,000	1,121,000	9,351,000	5,057,000
From U. S.	"	1,309,000	451,000	6,709,000	2,788,000
Oats, Total	"	1,879,000	2,934,000	7,388,000	9,607,000
From U. S.	"	113,000	1,095,000	755,000	2,078,000
Bacon, Total	Lbs.	64,213,000	48,963,000	207,626,000	211,046,000
From U. S.	"	29,089,000	23,392,000	91,031,000	102,527,000
Hams, Total	"	13,814,000	11,627,000	24,378,000	51,626,000
From U. S.	"	13,420,000	11,193,000	23,221,000	48,200,000
Lard, Total	"	26,318,000	17,571,000	97,194,000	82,880,000
From U. S.	"	23,249,000	17,040,000	82,300,000	80,741,000
Cotton, Total	Bales of 500 Lbs.	111,000	201,000	694,000	835,000
From U. S.		69,000	131,000	505,000	501,000

(Source: The British Government's monthly accounts relating to Trade and Navigation.)

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON APRIL 29, 1921 AND 1922.

The English Currency has been converted to United States Currency according to the exchange rate prevailing on April 29, 1921 and 1922.

Commodity and Grade.	Shillings-Pence per unit of quantity.				Cents per unit of quantity.			
	1921.		1922.		1921.		1922.	
	Low.	High.	Low.	High.	Low.	High.	Low.	High.
	Per quarter of 504 pounds.				Per bushel of 60 pounds.			
eat:								
English	89/0	95/0	54/0	57/0	209.6	223.8	142.2	150.1
Australian ...	....	....	62/0	63/0	.....	.....	163.3	165.9
Foreign	78/0	92/0	56/0	65/0	183.7	216.7	147.5	171.2
	Per quarter of 480 pounds				Per bushel of 56 pounds			
orn:								
Argentine	55/0	56/0	42/0	43/0	127.0	129.3	108.4	111.0
American	48/0	50/0	33/0	35/0	110.8	115.4	85.2	90.4
Rumanian	53/0	54/0	44/0	45/0	122.4	124.7	113.6	116.2
South African	52/0	54/0	37/0	38/0	120.1	124.7	95.5	98.1
	Per cwt. of 112 pounds.				Per Pound.			
acon:								
Irish (ex-factory)								
Sixes	210/0	215/0	157/0	159/0	37.1	38.0	31.0	31.4
Extra Heavy ..	195/0	.....	153/0	.....	34.5	....	30.2	....
anish:								
No. 1 Sizeable	207/0	210/0	146/0	.....	36.6	37.1	28.8	....
Seconds	.....	.....	136/0	140/0	....	....	26.9	27.6
edish:								
No. 1 Sizeable	190/0	192/0	144/0	146/0	33.6	33.9	28.4	28.8
Seconds	.....	.....	.....	.....	....	....	....	....
utch:								
No. 1 Sizeable	184/0	188/0	136/0	.....	32.5	33.2	26.9	....
Seconds	178/0	180/0	.....	.....	31.5	31.8	....	....
anadian:								
Leanest	160/0	170/0	120/0	130/0	28.3	30.0	23.7	25.7
Lean	160/0	165/0	115/0	130/0	28.3	29.2	22.7	25.7
Stout & Heavy.	140/0	150/0	120/0	127/0	24.7	26.5	23.7	25.1
Seconds	130/0	140/0	110/0	116/0	23.0	24.7	21.7	22.9
erican Wiltshire Sides:								
Leanest	130/0	135/0	95/0	105/0	23.0	23.9	18.8	20.7
Lean	130/0	135/0	95/0	100/0	23.0	23.9	18.8	19.7
Stout	128/0	133/0	95/0	100/0	22.6	23.5	18.8	19.7
Seconds	125	.....	95/0	98/0	22.1	....	18.8	19.4
Cumberland cut	112	.....	96/0	100/0	18.5	....	19.0	19.7
" bellies (Eng. Cut) ...	118	126	78/0	84/0	20.9	22.3	15.4	16.6

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON APRIL 29, 1921, AND 1922,-CONTINUED.

Commodity and Grade.	Shillings-Pence per unit of quantity.				Cents per unit of quantity.			
	1921.		1922.		1921.		1922.	
	Low.	High.	Low.	High.	Low.	High.	Low.	High.
	Per cwt. of 112 pounds.				Per pounds.			
Lard:								
Irish bladders	80/0	90/0	68/0	76/0	14.1	15.9	13.4	15.0
" boxes ..	76/0	....	63/0	64/0	13.4	....	12.4	12.6
Danish	73/0	....	70/0	....	12.9	....	13.8	....
U. S. pails ..	75/0	....	70/0	71/3	13.3	....	13.8	14.0
U. S. cartons.	....	....	70/0	72/0	....	....	13.8	14.2
U. S. boxes ..	72/0	74/6	66/0	67/9	12.7	13.2	13.0	13.4
U. S. Tierces.	73/6	....	66/6	67/0	13.0	....	13.1	13.2
Dutch	....	....	64/6	65/0	....	....	12.7	12.8

(Source: Grocer and Oil Trade Review).

EXPORTS OF COFFEE FROM BRAZIL FIRST HALF CROP, JULY - DECEMBER, 1921.

(In bags of 132 pounds).

Year.	To United States.		To Europe, Etc.		Total.
	Bags.	Per cent of total	Bags.	Per cent of total.	Bags.
1913	3,328,000	36	5,843,000	64	9,171,000
1914	2,876,000	49	2,947,000	51	5,823,000
1915	4,301,000.	45	5,210,000	55	9,511,000
1916	4,328,000	61	2,786,000	39	7,114,000
1917	3,329,000	61	2,119,000	39	5,448,000
1918	1,433,000	49	1,514,000	51	2,947,000
1919	3,349,000	60	2,190,000	40	5,538,000
1920	3,168,000	52	2,921,000	48	6,089,000
1921	3,137,000	47	3,500,000	53	6,637,000

(Source: Wileman's Brazilian Review).

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL IV. JUNE 21, 1922. NO. 20.

CONTENTS.

SUMMARY OF THE CONTENTS OF THIS NUMBER.

The area sown to winter wheat in France for the season 1921-22 is estimated as 11,995,000 acres or 671,000 less than in 1920-21 and 3,643,000 less than in 1913. The area sown to rye this year is 2,087,000 acres or a decrease of 76,000 compared with 1920-21 and a decrease of 818,000 acres compared with 1913.

The total area sown to wheat in Esthonia in 1921 was estimated at 49,000 acres compared with 31,000 acres in 1920. The production in 1921 was 793,000 bushels, compared with 274,000 bushels in 1920. The total area of rye in 1921 was estimated at 366,000 acres compared with 351,000 acres in 1920; the total production in 1921 was estimated at 6,286,000 bushels compared with 3,823,000 bushels in 1920.

SUMMARY OF THE CONTENTS OF THIS NUMBER,-CONT'D.

Farms ranging in size from 1 to 5 hectares (2.471 acres) comprise 70% of the total number in Belgium and more than 95% of the farms do not exceed 20 hectares.

The livestock census in the Netherlands in 1921 gives the number of cattle as 2,062,771 or an increase of 35,828, compared with 1910. The increase in cattle however has not kept pace with the increase in population and there are now fewer head per 1000 inhabitants than in 1910. The number of pigs in 1921 is reported as 1,519,245 compared with 1,259,844 in 1910.

The number of cattle in Belgium in 1921 was estimated at 1,515,000 compared with 1,880,000 in 1910 or a decrease of 365,000. The number of hogs also shows considerable decrease being reported as 976,000 in 1921 compared with 1,494,000 in 1910 or a decrease of 518,000.

The number of cattle in Switzerland shows a small decrease being estimated at 1,425,000 in 1921 compared with 1,433,000 in 1911. The number of hogs has increased slightly being 639,000 in 1921 compared with 570,000 in 1911.

The cattle and meat industry in Brazil is undergoing a period of reconstruction. The authorities and a large number of the leading stock breeders especially in Sao Paulo are attempting to organize and improve the industry in order that they may more successfully compete with other countries that produce frozen meat.

The production of raw wool in Finland shows considerable decrease in 1921 compared with 1920 being reported as 1,918,132 pounds in 1921 and 2,426,524 pounds in 1920. The production in 1913 is given as 1,904,250 pounds.

AREA UNDER CEREALS IN FRANCE ON MAY 1, 1913, 1921 AND 1922.

Crop.	May 1.		
	1913. a.	1921.	1922.
	Acres.	Acres.	Acres.
Winter wheat	15,638,000	12,666,000	11,995,000
Spring wheat	528,000	499,000	685,000
Maslin	304,000	264,000	261,000
Rye	2,905,000	2,163,000	2,087,000
Winter barley	376,000	383,000	341,000
Spring barley	1,502,000	1,265,000	1,086,000
Winter oats	2,051,000	1,907,000	1,657,000
Spring oats	7,732,000	6,420,000	6,248,000

(Source: Le Bulletin des Halles, Bourses et Marches, France).

a. Excluding Alsace-Lorraine.

EXPORTS FROM ARGENTINA.

Commodity.	First three months, 1921.	First three months, 1922.
	Tons.	Tons.
Wheat	475,000	1,416,000
Corn	412,000	456,000
Linseed	310,000	199,000
Hides	534,000	1,326,000
Beef a	1,574,000	1,254,000
Wool b	107,000	168,000

(Source: Commerce Reports).

a. Quarters.
b. Bales.

AREA AND PRODUCTION OF CROPS IN ESTHONIA, 1919, 1920, 1921.

(000 omitted).

	Area.			Production.		
	1919.	1920.	1921.	1919.	1920.	1921.
	Acres.	Acres.	Acres.	Bushels.	Bushels.	Bushels.
Wheat:						
Summer	16	15	20	218	124	308
Winter	17	16	29	254	150	485
Rye:						
Summer	7	4	3	85	34	46
Winter	320	347	363	4,971	3,789	6,240
Barley	259	273	290	4,277	2,515	5,485
Oats	335	351	358	7,705	5,319	9,126
Mixed grains	108	111	110	a 45	a 26	a 52
Flax seed	b 34	b 50	b 47	242	187	291
Flax fiber	....	...	...	a 7	a 6	...
Potatoes	135	157	167	18,346	21,233	25,108

(Source: American Consul, Reval, Esthonia).

a. Short tons.

PRODUCTION OF GRAPES AND MUST IN SPAIN IN THE YEARS 1917 TO 1921.

Year.	Grapes.	Must.
	Pounds.	Gallons.
1917	8,971,210,000	627,737,000
1918	8,417,668,000	596,169,000
1919	7,789,179,000	542,201,000
1920	9,425,186,000	707,211,000
1921	7,338,704,000	507,320,000

(Source: Boletin de Agricultura Tecnicay Economica, Spain).

AVERAGE YEARLY PER CAPITA CONSUMPTION OF CERTAIN FOOD STUFFS IN THE NETHERLANDS 1913 TO 1920.

Foods stuffs.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	1920.
	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels.
Wheat	4.43	3.86	5.22	5.11	2.41	1.22	3.43	....
Barley	1.65	1.39	0.94	0.62	0.62	0.37	....	....
Buckwheat	0.20	0.11	0.14	0.14	0.06	0.03	0.11	....
Potatoes	9.82	10.41	11.83	9.76	16.52	18.02	14.30	....
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
Rice	30.97	14.31	14.70	16.05	a 16.98	....	6.39	7.05
Coffee.....	12.76	14.02	9.55	9.63	6.55	3.57	6.19	12.39
Tea	1.96	2.09	2.20	1.68	1.12	.13	2.91	2.71
Sugar b	35.85	35.43	37.02	41.98	46.58	57.30	53.02	52.58
Beef and veal..	33.55	35.14	.....	.....	.....	.....	34.94	37.06

(Source: Jahrcijfers Voor het Koninkrijk der Nederlanden).

a. Calculated according to the distribution of rice.
b. Quantity submitted to excise in pounds of 100%.
Note:-Winchester bushels are used in this table.

RICE IN ITALY.

The area under rice in 1922 is given as 296,500 acres against 286,600 acres in 1921 and 327,600 the average for the five years 1916-1920, which is 103.4% of the 1921 area and 90.5% of the 1916-20 average.

RICE CROP IN 1921 (NORTHERN HEMISPHERE) AND 1921-22 (SOUTHERN HEMISPHERE).

(In terms of cleaned rice).

(000 omitted).

Area.			Production.		
Average, 1915-1919	1920.	1921.	Average, 1915-1919.	1920.	1921.
Acres.	Acres.	Acres.	Pounds.	Pounds.	Pounds.
107,489	108,446	110,278	95,590,475	90,776,827	100,982,444

These figures include: Bulgaria, Spain, Italy, United States, Guatemala, British India, Indo-China, Japan, Formosa, Egypt, Java and Madura. Including Korea and Philippines, the production of 1921, is 107,034,951,000 pounds. The average world's production is approximately 271,604,938,000 pounds.

(Source: International Institute, May 1922).

RICE IN CHINA.

The 1921 crop in the Foochow district was good, because there was no serious flood. The production was less than in 1920, as many farmers gave up their farming occupation to become bandits and many paddy fields were used to plant poppies in the interior districts. More rice was imported from other ports during 1921 as the amount of rice coming from the interior districts was not sufficient to meet local needs. About 17,000 tons of rice arrived here from the interior districts during 1921.

Prices were raised from $3.62 to $4.56 per unit of 166 pounds.

(Source: American Consul, Foochow, China).

AGRICULTURAL HOLDINGS IN BELGIUM.

According to the statistics of the population in Belgium there are 1,102,244, persons engaged in farming either as agricultural laborers or in some other way, while the number engaged in other industries is 1,130,000. The majority of agriculture holdings is small and most of the occupants work their own land. The following table shows that large holdings are not very numerous and that most of the agricultural population is engaged in small and average size holdings:

Size of the Holdings.	Number.	Number in per cent.
Less than 1 to 2 hectares ...	100,229	33.57
" " 2 to 3 hectares ...	51,404	17.22
" " 2 to 4 " ...	31,959	10.71
" " 4 to 5 " ...	21,467	7.25
" " 5 to 7 " ...	28,147	9.43
" " 7 to 10 " ...	24,016	8.05
" " 10 to 15 " ...	18,830	6.31
" " 15 to 20 " ...	8,283	2.77
" " 20 to 30 " ...	7,099	2.38
" " 30 to 40 " ...	2,636	0.88
" " 40 to 50 " ...	1,404	0.47
" " 50 to 100 " ...	2,314	0.78
" " 100 to 150 " ...	437	0.15
More than 150 hectares	103	0.03
Total	298,308	100.00

Note.-Hectare = 2.471 acres.

In conclusion, 70% of the farms in Belgium have an area of from 1 to 5 hectares and more than 95% of the farms do not exceed 20 hectares.

The farms larger than 50 hectares do not comprise even 1% of the total number.

(Source: L'Agriculture Belge an point de vue de I'Economie Nationale).

USE OF LAND IN CZECHOSLOVAKIA, 1921.

(000 omitted).

Nature of land.	Bohemia.	Moravia.	Silesia.	Slovakia.	Russinia.	Total.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Plowed land.....	6,079	2,853	501	4,586	542	14,561
Meadow land	1,401	425	76	1,093	437	3,432
Vineyards	1	13	...	22	7	43
Pasture land	641	312	57	1,504	480	2,995
Forests	3,877	1,586	382	4,128	1,530	11,502
Other improved land	591	229	56	621	103	1,601
Other	272	93	20	138	32	555
Total	12,862	5,511	1,092	12,092	3,131	34,689

(Source: American Vice-Consul, Prague, Czechoslovakia).

LIVE STOCK SITUATION IN THE NETHERLANDS IN 1921.

The latest livestock census states that there are 2,062,771 head of cattle in this country, 35,828 more than in 1910, when 2,026,943 were counted but due to the increase in population there are fewer head per 1000 inhabitants. Horses have increased from 327,377 in 1910 to 363,668 in 1921. The horse trade is very poor at present; there being little demand for export, the Germans only buying small quantities to meet their reparation instalments to Belgium and France. There has been a great decrease in the number of sheep, there being 668,211 sheep and lambs in 1921 compared with 889,036 in 1910, especially the so-called heather sheep, a small merino type, show a reduction. These are kept on poor and sandy soil. Their meat is not adapted for export to England and cannot be compared to the Friesland and north and south Holland grass-fed breeds with Yorkshire and Lincoln the predominating strains. Swine numbered 1,519,245 in 1921 against 1,259,344 in 1910. The swine situation is quite satisfactory as in 1919 there were only 449,829.

(Source: The Meat Trades Journal, London).

BRAZILIAN CATTLE AND MEAT INDUSTRY.

The present position of the cattle industry is one of reconstruction in so far as breeding is concerned, herds having been almost completely depleted during the last few years to catch the exorbitant prices paid for steers in Sao Paulo and fatteners in Minas. Conditions are now such that at least six years will be required to bring them up to their 1914 standard. This period of reconstruction is undoubtedly ideal for the introduction of better breeds but it is almost certain that the improvement of cattle in the vast breeding zones of Matto Grosso and Goyaz will have to come from outside, Minas Geraes being too deeply committed to the zebu to be a future breeder of meat producing cattle. Of the Central Brazilian states that have cattle raising possibilities, only Sao Paulo remains to be accounted for. This state has within its borders two of the finest freezing plants in Brazil, besides two others, one without much storage capacity but the other capable of doing very good work. Under these circumstances, there is no doubt that the success of the cattle industry is an absolute necessity to the sta

The authorities and a large number of the foremost stock breeders are fully aware of this fact and at the present time, in conjunction with a very powerful group of Matto Grosso breeders, are hard at work trying to organize the industry from its starting points in the far away breeding zones to the gates of the packing house corrals. To-day the closing of packing houses and subsequent drop in the price of cattle has at last had the effect of showing all those interested in cattle that the time of artificial prosperity caused by the world war is ended, and the struggle of the survival of the fittest has begun. News comes from Rio that the first step in defence of the industry is a request from Sao Paulo to increase the duty on imported jerked beef. If our salt beef industry is so incapable of progress as to require an increase of the import duty already equal to 33-1/3 per cent of its wholesale value, then it is time for the factories to close down and go out of business.

By the Constitution of Brazil the sole right of imposing import tax falls on the Federal Government, whereas every state has the constitutional right to impose taxes on every article leaving their territory. The expenses including transportation, export taxes from the different states, port charges etc. on a bullock bred in Goyaz, fattened in Minas, killed in the state of Rio de Janeiro and exported through the port of Rio amount to about 33-1/3 per cent of the original value. This affords an explanation of one of the chief causes of the difficulty experienced by the Brazilian packers in competing with other countries which produce frozen meat.

(Source: Extract from article by H. D. Manington in Wileman's Brazilian Review).

NUMBER OF LIVESTOCK IN BELGIUM, YEARS 1910, 1920 AND 1921.

Classification.	December 31, 1910 (census).	1920.	1921.
Cattle	1,880,000	1,487,000	1,515,000
Swine	1,494,000	977,000	976,000
Sheep	185,000	.....	.....
Goats	218,000	.....	.....
Horses	317,000	205,000	222,000
Mules	3,000	.....	.....
Asses	8,000	.....	.....

(Source: Annuaire International de Statistique Agricole for the year 1921. Years 1910 and 1920 from official government sources).

NUMBER OF LIVESTOCK IN SWITZERLAND ON APRIL 21, 1911, 1920 AND 1921.

Classification.	April 21, 1911. (Census).	April 21, 1920.	April 21, 1921.
Cattle	1,433,000	1,382,000	1,425,000
Swine	570,000	546,000	639,000
Sheep	161,000	241,000	244,000
Goats	341,000	334,000	329,000
Horses	144,000	130,000	134,000
Mules	3,000	4,000	4,000
Asses	2,000	1,000	1,000

(Source: Annuaire International de Statistique Agricole for the year 1921. Years 1911 and 1920 from official government sources).

EXPORTS OF WOOL FROM GUATEMALA.

Guatemala exported 24,000 pounds of wool in 1920 against 406,000 pounds in 1919, United States taking all in 1920 and nearly all in 1919, the remainder going to England.

(Source: Commerce Reports).

B. A. W. R. A. WOOL STOCKS.

The British Australian Wool Realization Association, Ltd., has issued the following summary of total stocks and disposals of wool from December 31, 1921 to April 29, 1922:

(Australasian bales average about 330 pounds)
(South African bales average about 370 pounds).

	Stocks and afloat Dec. 31, 1921.	Disposals to April 29, 1922.	Stocks and afloat April 29, 1922.	Per cent of stocks disposed of during first four months of 1922.
Australian -	Bales	Bales	Bales	Per cent
Merino:				
Combing	308,403	105,509	202,894	34
Clothing	67,548	29,927	37,621	44
Carbonizing	44,145	13,583	30,562	31
Total Merino..	420,096	149,019	271,077	35
Crossbred:				
Combing	508,492	58,131	450,361	11
Clothing	103,600	8,147	95,453	8
Carbonizing	143,428	8,106	135,322	6
Total Crossbred	755,520	74,384	681,136	10
Total Australian	1,175,616	223,403	952,213	19
New Zealand -				
Merino	2,739	181	2,558	7
Crossbred (bulk combing)	377,451	54,948	322,503	15
Slipes	126,022	15,332	110,690	12
Scoured	127,851	16,804	111,047	13
Total New Zealand	634,063	87,265	546,798	14
Total Australasian	1,809,679	310,668	1,499,011	17
South African	80,674	35,921	44,753	45
Grand total	1,890,353	346,589	*1,543,764	18

* Does not include 93 bales of reconditioned wool.

It will be observed from the above table that the disposals of Australian Merinos amounted to 35% of the stocks held last December while only 10% of Australia crossbreds were disposed of. Disposals of all wools for the four months were 347,000 bales or 18% of the December stocks, 1,544,000 bales or 82% remaining to be sold.

Sales during April showed a considerable decline due to the fact that there were no auctions in London. A comparison of the sales in April and in the previous months is given below:

MONTHLY SALES OF B. A. W. R. A. WOOL

1922	Australian	New Zealand	South African	Total
	Bales	Bales	Bales	Bales
January	75,137	33,020	5,340	113,497
February	64,941	17,047	10,223	92,211
March	54,901	29,730	9,419	94,050
April	28,424	7,468	10,939	46,831

(Source: The Wool Record and Textile World.)

WOOL INDUSTRY IN FINLAND.

The difficult situation which existed in Finland's woolen industry in 1920 continued throughout 1921. The German competition has become more and more acute, textiles being sold by the Germans in many cases at the prices of yarn. The result has been a decreased demand for Finnish goods and production diminished to 50 per cent of normal.

This year the situation has improved somewhat. The Finnish Ministry of War has recently placed with domestic mills an important order for cloth for the army, valued at about 20,000,000 Finnish marks (about 400,000 dollars at current rate of exchange).

Imports for the past few years and for 1913 are given below:

Imports of Wool into Finland.

	1913	1919	1920	1921
	Pounds	Pounds	Pounds	Pounds
Raw wool, sheep	1,904,250	642,348	2,426,524	1,918,132
Wool other than sheep	.....	.....	55,383	16,248
Wool, dyed	5,855	22,055	.....	.....
Artificial wool (Including shoddy and waste)	1,765,084	567,177	881,690	500,528
Rags	9,221,928	2,478,665	7,473,266	4,848,542

(Source: American Consul, Helsingfors, Finland).

FOREIGN EXCHANGE.

Countries	Monetary Unit	Mint par.	Exchange value in New York		
			June 17,1922	May 17,1922	June 17,1921
Austria	Krone	.2026	.00006	.000104	.0021
Belgium	Franc	.1930	.0824	.083	.0797
Bulgaria	Lev	.1930	.0072	.006767	.0119
Czechoslovakia	Krone	.2026	.019197	.019169	.014
Denmark	Krone	.2680	.2153	.2132	.1722
England	Pound	4.8665	4.4371	4.4486	3.7877
Finland	Markka	.1930	.021438	.020888	.0166
France	Franc	.1930	.0867	.0911	.0815
Germany	Reichmark	.2382	.00306	.003441	.0146
Greece	Drachma	.1930	.0402	.0417	.0624
Holland	Florin or Guilder	.4020	.3862	.3884	.3319
Hungary	Krone	.2026	.001006	.001292	.004
Italy	Lira	.1930	.0494	.0524	.0504
Norway	Krone	.2680	.171	.1857	.1445
Poland	Polish Mk.	.2382	.000237	.000246	.0008
Portugal	Escudo	1.0805 a	.0754	.0778	.1324
Rumania	Leu	.1930	.0066	.006997	.0153
Spain	Peseta	.1930	.1566	.1568	.1325
Sweden	Krone	.2680	.2577	.256	.2251
Switzerland	Franc	.1930	.1899	.1916	.1698
Yugo-Slavia	Krona	.2026	.003475	.003669	.007
	Servian Dinar	.1930	.013886	.014743	.028

(Source: U. S. Federal Reserve Board).

a. Inconvertible paper.

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON MAY 6, 1921 AND 1922.

The English Currency has been converted to United States Currency according to the exchange rates prevailing on May 6, 1921 and 1922.

Commodity and Grades	Shillings-Pence per unit of quantity				Cents per unit of quantity			
	1921		1922		1921		1922	
	Low	High	Low	High	Low	High	Low	High
	Per quarter of 504 pounds				Per bushel of 60 pounds			
Wheat:								
English	85/0	92/0	54/0	57/0	201.2	217.8	142.9	150.9
Australian	....	....	62/0	64/0	.....	.....	164.0	169.3
Foreign	78/0	92/0	56/0	65/0	184.7	217.8	148.2	172.0
	Per quarter of 480 pounds				Per bushel of 56 pounds			
Corn:								
Argentina	55/0	56/0	41/6	43/0	127.6	129.9	107.7	111.5
American	46/0	48/0	33/0	35/0	106.7	111.4	85.6	90.8
Rumanian	52/0	53/0	44/0	45/0	120.7	123.0	114.1	116.7
South African..	54/0	56/0	37/6	38/6	125.3	129.9	97.3	99.9
	Per cwt. of 112 pounds				Per pound			
Bacon:								
Irish (ex-factory)								
Sixes	175/0	185/0	157/0	.....	31.1	32.8	31.1	....
Extra heavy ...	160/0	.....	153	.....	28.4	....	30.4	....
Danish:								
No. 1 sizeable	.....	.....	151/0	.....	....	....	30.0	....
Seconds	.....	.....	138/0	145/0	....	....	27.4	28.8
Swedish:								
No. 1 sizeable	140/0	145/0	149/0	151/0	24.9	25.7	29.6	30.0
Seconds	120/0	130/0	.....	.....	21.3	23.1	....	....
Dutch:								
No. 1 sizeable	136/0	140/0	140/0	142/0	24.1	24.9	27.8	28.2
Seconds	120/0	125/0	.....	.....	21.3	22.2	....	....
Canadian:								
Leanest	140/0	150/0	130/0	135/0	24.9	26.6	25.8	26.8
Lean	130/0	145/0	130/0	135/0	23.1	25.7	25.8	26.8
Stout and heavy	110/0	130/0	120/0	132/0	19.5	23.1	23.8	26.2
Seconds	110/0	120/0	122/0	.....	19.5	21.3	24.2	....
American wiltshire								
Sides:								
Leanest	115/0	125/0	98/0	105/0	20.4	22.2	19.4	20.8
Lean	115/0	120/0	103/0	105/0	20.4	21.3	20.4	20.8
Stout	110/0	115/0	100/0	102/0	19.5	20.4	19.8	20.2
Seconds	100/0	105/0	95/0	98/0	17.8	18.6	18.8	19.4
Cumberland cut	125/0	128/0	98/0	101/0	22.2	22.7	19.4	20.0
" bellies								
(Ham cut)	112	119/0	88/0	90/0	19.9	21.1	15.5	15.9

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON MAY 6, 1921 AND 1922,- CONTINUED.

Commodity and Grade	Shillings-Pence per unit of quantity				Cents per unit of quantity			
	1921		1922		1921		1922	
	Low	High	Low	High	Low	High	Low	High
	Per cwt. of 112 pounds				Per pound			
Lard:								
Irish bladders	65/0	75/0	72/0	....	11/5	13.3	14.3	.....
" boxes ...	61/0	83/0	64/0	....	10.8	14.7	12.7	.....
Danish	74/0	74/6	70/0	....	13.1	13.2	13.9	.....
U. S. pails ...	74/0	74/6	....	....	13.1	13.2	....	.....
U. S. cartons .	....	....	71/0	74/0	....	....	14.1	14.7
U. S. boxes ...	67/6	73/3	68/6	70/6	12.0	13.0	13.6	14.0
U. S. tierces .	66/0	....	69/3	....	11.7	....	13.7	.....
Dutch	....	....	67/0	67/6	....	....	13.3	13.4

(Source: Grocer and Oil Trade Review).

WAGE RATES IN ENGLAND.

(Summary statement of Wage rates agreed by the local conciliation committee of Cumberland and Westmoreland, for June 3 to November 11).

Time	Basic rate for males		Equivalent rate per hour		Overtime rates	
	Shilling and pence	Dollars	Pence	Cents	Pence	Cents
54 hours in Summer	30/0	6.72	6.7	12.5	10	18.7
48 hours in winter	30/0	6.72	7.5	14.0		

(Source: Agricultural Commissioner at London).

Note:- Adult skilled workers 40 shilling ($8.96) for 53 hours, with proportionate rates for youths. Board and lodging taken at 15 shillings ($3.36) Rate of exchange, June 3, (Pound sterling = $4.4813).

FOREIGN CROPS AND MARKETS.

ISSUED WEEKLY BY THE BUREAU OF MARKETS AND CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VOL. IV. June 28, 1922. NO. 21.

CONTENTS.

SUMMARY OF THE CONTENTS OF THIS NUMBER.

The area sown to pice in China in 1914 was 87,937,000 acres and a production of 271,083,733,000 pounds was reported for the same year. The acreage sown to wheat in 1914 is 42,099,000 acres and the production is 590,524,000 bushels.

SUMMARY OF THE CONTENTS OF THIS NUMBER,-CONT'D.

The production of wheat in Western Palestine in 1920-21 is 2,763,099 bushels as compared with 1,682,845 bushels in 1919-20. The production of barley in 1920-21 is 2,383,724 bushels as compared with 1,184,972 bushels in 1919-20.

The Philippine Islands in 1920 reported an acreage of 1,382,169 acres of hemp as compared with 1,273,956 acres in 1919. The production of hemp fibre in 1920 is 363,938,000 pounds as compared with 327,032,000 pounds in 1919. The estimated production in 1921 is 291,007,000 pounds but no acreage figures are as yet available. The total production of hemp for 1921 including the countries of Bulgaria, Spain, France, Italy, Yugoslavia, Czechoslovakia and the Philippine Islands is 599,150,000 pounds. The world average production is approximately 1,870,000,000 pounds.

The nitrate industry in Chile which normally supplied 75 per cent of the state revenue has during the last year undergone a period of depression. There were on June 30, 1921 unsold stocks in producers' hands of 1,100,000 tons in addition to the amount in dealers' hands. The American and European contractors also held large stock which they were unable to dispose of. It is unlikely that any material improvement in the conditions will result until these stocks are disposed of. The prospects for this at the present time seem very remote.

In 1914 there were estimated to be 21,997,000 head of cattle in China, 76,819,000 swine and 22,186,000 sheep.

The number of sheep in Latvia in 1921 was 1,132,000 as compared with 978,000 in 1920. There were 780,000 cattle in 1921 as compared with 768,000 in 1920.

During recent years poultry raising has assumed an independent position among rural industries in Australia. The value of poultry as returned for 1918-19 is 6,739,232 pounds sterling as compared with 5,646,619 pounds in 1917-18.

The latest estimates of the number of fowls in New Zealand is 3,468,000 for the year 1916. The number of poultry in Ireland in 1918 is 24,424,000 fowls. There were 25,404,000 chickens and ducks in Japan in 1920. The number of poultry in Chosen in 1918 is estimated as 4,913,000.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT.

CONDITIONS IN EUROPE BELOW AVERAGE

According to a cablegram received from the International Institute of Agriculture in Rome the condition of the wheat crop in Bulgaria and Yugoslavia is good. The condition is average in England, France, Italy, Canada and Japan. The condition in Austria, Czechoslovakia, Germany, Hungary, Netherlands and Poland is mediocre and the condition in Algeria and Tunis is very poor. The latest reports from Rumania indicate that on the first of June the weather was excellent and the condition of the wheat crop was generally good.

ESTIMATES OF 1922 EUROPEAN CROP BELOW THAT OF 1921

There has been some reduction in the acreage of the European wheat crop and the generally unfavorable weather conditions during the early summer will probably result in a smaller production than that of last year. The acreage for countries for which comparable figures are available for 1922 is estimated as 45,027,000 acres as compared with 46,571,000 in 1921. The countries included are Belgium, Bulgaria, Spain, Finland, France, Scotland, Italy, Latvia, Luxemburg, Poland, Rumania and Czechoslovakia. So far, no estimates have been received of the 1922 acreage in Germany, Austria, England and Ireland. The acreage in British India as published in a previous issue shows an increase of 3,076,000 acres over that of last year and the increase in production is estimated at 120,288,000 bushels over that of last year.

UNITED KINGDOM.--- The wheat crop in the United Kingdom has been especially benefited by favorable weather and growth has been very rapid. If present conditions continue the crop will soon be well up with the average.

NETHERLANDS.--- Reports from the Netherlands are generally unfavorable, much of the crop had to be plowed up. In some parts, less than half of crop remains.

FRANCE.--- The total acreage of wheat in France for 1922 is estimated as 12,681,000 acres as compared with 13,165,000 acres in 1921, or 16,649,000 acres the five-year average for 1909 to 1913.

SPAIN.--- The acreage of the 1922 crop in Spain is given as 9,922,000 acres as compared with 10,229,000 acres for 1921, or 9,547,000 acres, the five-year average for 1909 to 1913.

SUMMARY OF FOREIGN CROP PROSPECTS.

WHEAT.-CONTINUED.

ITALY.-- The acreage in Italy as estimated for 1922 is 11,491,000 acres as compared with 11,779,000 acres for 1921 or 11,746,000 acres for the five-year average for 1909 to 1913.

RUMANIA.-- Conditions are generally favorable in Rumania. The acreage for 1922 is given as 4,972,000 acres as compared with 5,212,000 acres for 1921.

BALTIC STATES.-- Winter sowings in the four Baltic States have come through the winter in good condition and the outlook is generally favorable.

RUSSIA.-- Wheat in Russia is particularly poor due to shortage of seed and late plantings. Crops throughout Azerbaijan have been severely damaged by locusts.

EGYPT.-- It is reported that harvesting of the wheat crop progressed satisfactorily in Egypt during May. The yield is slightly below the average.

TUNIS AND ALGERIA.-- Conditions in Algeria and Tunis are unfavorable. Some damage to crops in Algeria from severe hail storms is reported.

UNION OF SOUTH AFRICA.-- Crop reports from the Union of South Africa indicate a production about the same as that of last year.

NEW ZEALAND.-- The production in New Zealand for 1922 is estimated as 10,500,000 bushels as compared with 6,872,000 bushels for 1921 and 7,885,000 bushels the five-year average 1909-10 to 1912-13.

AUSTRALIA.-- The estimate of the Australian wheat crop for 1921-22 previously given as 136,168,000 bushels has been reduced to 132,282,000 bushels, which is 91.9 per cent of the final estimate of 143,965,000 bushels in 1920-21.

CORN.

The reports of the production of corn in the Southern Hemisphere for the countries of Argentina, Chile, Southern Rhodesia and the Union of South Africa for 1921-22 is given as 201,940,000 bushels which is 70.6 per cent of the production of 285,874,000 bushels for 1920-21, or 92.5 per cent of 218,239,000 bushels the five-year average for 1915-16 to 1919-20.

AREA OF CEREALS IN CANADA, AVERAGE 1909-13, 1921, 1922.

Crops.	Average, 1909-13.	1921.	1922.
	Acres.	Acres.	Acres.
Wheat	9,945,000	23,261,224	22,464,000
Oats	9,840,000	16,949,029	16,933,500
Barley	1,683,000	2,795,665	2,747,000
Rye	112,000	1,842,498	2,079,660

(Source: Dominion Bureau of Statistics.)

CORN IN ARGENTINA.

Year.	Area.	Production.
	Acres.	Bushels.
1917-18	8,712,000	159,240,000
1918-19	8,249,000	209,240,000
1919-20	8,181,000	241,376,000
1920-21	8,090,000	215,064,000
1921-22	8,086,500	145,608,000

(Source: International Institute, quoted by "The Agricultural Market Report".)

AREA AND PRODUCTION OF CROPS IN CHINA IN 1914.

"Statistiques Agricoles et Commercials de la Republique Chinoise" (Agricultural and Commerical Statistics of the Chinese Republic) printed in Chinese contains data on the area and production of numerous products for the years 1914, 1915 and 1916. Unfortunately the data have been collected for different provinces each year in such a way that the totals vary enormously from one year to the other. The figures for 1914 only are given by the International Institute of Agriculture as they contain data for almost all the provinces. The figures for a number of the principal crops are as follows:

Crops.	Unit of weight or measure.	Year 1914 - Area.	Production.
		Acres.	
Wheat	Bushels	42,099,000	590,524,000
Barley	"	9,712,000	169,923,000
Corn	"	7,856,000	103,874,000
Rice (rough)	Pounds	87,937,000	271,083,733,000
Tea	"	.....	968,600,000
Flax	Bushels	447,000	7,928,000
Silk cocoons	Pounds	.....	1,990,493,000

(Source: International Yearbook of Agricultural Statistics, 1909-1921).

CROP PRODUCTION IN WESTERN PALESTINE, 1919-20, 1920-21, 1921-22.

Crop.	1919-1920.	1920-1921	1921-1922.
	Bushels.	Bushels.	
Wheat	1,682,845	2,763,099	.....
Barley	1,184,972	2,383,724	.....
Millet	602,328	1,196,783	.....
	Pounds.	Pounds.	
Oranges	29,321,180	37,647,954	1,000,000 boxes.
Almonds	.....	.....	2,927,000 pounds.

(Source: The Near East, London).

HEMP: AREA IN UNDERMENTIONED COUNTRIES, 1909-1921.

Country.	Average, 1909-1913.	1919.	1920.	1921.
	Acres.	Acres.	Acres.	Acres.
Austria	56,487	311	447	554
Bulgaria	7,816	6,338	10,371	10,512
Spain	a 21,263	26,865	23,109	21,621
Hungary	146,464	.....	29,069	44,770
France	35,009	19,303	19,037	17,356
Rumania	14,722	37,376	53,126	101,069
Czechoslovakia	.....	1,179	24,547	28,009
Yugoslavia	.....	.....	71,071	79,116
Italy	199,909	226,096	235,486	247,100
Japan	29,929	28,026	29,316	.....
Korea	46,173	68,459	68,681	.....
Philippines b	.....	1,273,956	1,382,169	.....
Russia in Europe	1,560,612	.....	1,209,251	.....
Chile	c. 680	3,277	.....	.....

a. 1910.
b. Manila hemp.
c. 4 year average.

HEMP: PRODUCTION, SEED AND FIBER.

(000 omitted).

Country.	Seed.				Fiber.			
	Average 1909-13.	1919.	1920.	1921.	Average 1909-13.	1919.	1920.	1921.
	Bushel	Bushel	Bushel	Bushel	Pounds.	Pounds.	Pounds.	Pounds.
Austria	598	2	3	...	33,282	323	470	.....
Bulgaria	61	57	94	125	2,445	3,520	3,627	4,547
Spain	...	253	173	206	.....	27,468	17,425	14,240
Hungary	1,095	...	...	...	115,274	.....	.....	.....
France	351	176	186	76	29,341	14,698	18,229	13,164
Rumania	94	178	381	...	4,403	10,266	17,706	.....
Czechoslovakia	...	11	216	171	.....	720	18,715	10,013
Yugoslavia	...	...	...	...	a 16,299	.....	47,011	45,715

Hemp: Production, Seed and Fiber,-Cont'd.

(000 omitted).

Country.	Seed.				Fiber.			
	Average 1909-13.	1919.	1920.	1921.	Average 1909-13.	1919.	1920.	1921.
	Bushel	Bushel	Bushel	Bushel	Pounds.	Pounds.	Pounds.	Pounds
Italy	....	....	....	....	184,084	207,894	215,610	220,46
Japan	....	....	....	....	20,700	21,200	.....	.....
Korea	....	....	....	....	16,557	39,023	44,073	.....
Philippines b	....	....	....	....	.....	327,032	363,938	291,00
Russia in Europe	18,607	....	....	....	682,912	.....	.....	.....
Chile	.....	....	....	....	1,208	3,212	.....	.....

a. Three year average. (Source: International Institute).
b. Manila hemp.

Hemp: Yield per Acre, Seed and Fiber.

Country.	Seed.				Fiber.			
	Average 1909-13.	1919.	1920.	1921.	Average 1909-13.	1919.	1920.	1921
	Bushel	Bushel	Bushel	Bushel	Pounds.	Pounds.	Pounds.	Pound
Austria	10.5	6.7	5.7	....	588.8	1034.9	1052.8	.....
Bulgaria	7.9	8.9	9.1	12.0	312.3	553.2	348.0	428.3
Spain	....	9.3	7.5	9.5	.....	1026.0	758.4	660.2
Hungary	7.5	....	....	....	785.1	.....	.....	.....
France	9.9	9.1	9.7	4.5	838.7	758.4	954.6	758.4
Rumania	6.5	6.3	7.5	....	303.3	214.1	312.3	.....
Czechoslovakia	....	9.3	8.7	6.1	.....	606.7	758.4	356.9
Yugoslavia	....	....	....	....	a 428.3	.....	660.2	579.9
Italy	....	....	....	....	919.0	919.0	919.0	892.2
Japan	....	....	....	....	695.9	758.4	.....	.....
Korea	....	....	....	....	356.9	571.0	642.4	.....
Philippines b	....	....	....	....	.....	258.7	267.7	.....
Russia in Europe	12.0	....	....	....	446.1	.....	.....	.....
Chile	....	....	....	....	1365.0	981.4	.....	.....

a. Three year average.
b. Manila hemp.

TOTAL HEMP FIBRE AREA AND PRODUCTION 1921 (NORTHERN HEMISPHERE AND 1921-22 SOUTHERN HEMISPHERE).

(000 omitted).

Area.			Production.		
Average, 1915-19.	1920.	1921.	Average, 1915-19.	1920.	1921.
Acres.	Acres.	Acres.	Pounds.	Pounds.	Pounds.
275	285	297	241,990	254,610	252,410

Countries included are: Bulgaria, Spain, France and Italy. Including Yugoslavia, Czechoslovakia, and Philippine Islands with these countries the yield amounts in 1921 to 599,150,000 pounds. The world's average production is approximately 1,870,000,000 pounds.

(Source: International Institute).

CULTIVATION OF HEMP IN ITALY.

In the year 1910, out of a total world production of about 550,000 short tons of hemp, Italy furnished 88,000 tons as compared with more than 330,000 tons from Russia and 79,200 tons from Austria. During the following years production increased and in 1914, out of a total of 660,000 tons, Italy produced 94,600 tons, as against 440,000 from Russia.

The war caused considerable decrease in production and the revolution in Russia and the breaking up of the Austrian Empire caused a decrease of about 330,0 tons. As a result, many linen and jute materials had to be substituted by materia made from a fine quality of hemp, the demand for which increased considerably. The best qualities used in manufacturing were cultivated with the result that hemp cultivation developed excessively. In the years 1915-18, the average amount produced was 96,800 tons, increasing to 103,400 tons in 1919; 107,800 tons in 1920 and about 110,000 in 1921.

The arrival of the general industrial crisis, with the increased cultivation of flax in France, Belgium and Holland, caused a decreased demand for hemp and also the home demand became less and aggravated the situation. One half of the 1920 supply remained unsold which with the 1921 production left a quantity of about 165,000 tons on hand at the end of 1921.

(Source: American Vice-Consul, Genoa, Italy).

THE CHILIAN NITRATE INDUSTRY.

The nitrate industry of Chile is that upon which the prosperity of the Republic depends; she derives in normal times 75% of her State revenue from the export duties on this product. The larger part of this industry is conducted by Chilian companies which produce about 55% of the total output. Next in importance are the British companies with about 30% of the output, then follow Yugoslav, Peruvian, American, Spanish and German producers. Between 50,000 and 60,000 workmen are employed in the nitrate works and they consume over 300,000 tons of coal and 450,000 tons of petroleum.

The nitrate situation during the past year has been the most complex in the history of the industry, the unprecedented financial crisis in Europe and America at the end of 1920 upsetting all calculations as to probable consumption. In the summer of 1920, when future prospects appeared to be very favorable, importers in Europe and America contracted with the Chilian Nitrate Producers for a total of 2,750,000 long tons of which they were only able to sell in consuming markets about 1,450,000 tons leaving on June 30, 1921, unsold stocks of over 1,300,000 tons. In addition to the stocks in dealers hands there were on June 30, 1921, unsold stocks in producers hands of about 1,100,000 tons, and in consequence a very large proportion of the producers have already closed their plants and the monthly production, which normally amounts to 240,000 tons, fell to about 80,000 tons.

It may be safely said that any material improvement in the depression from which the whole world is suffering will bring about a corresponding revival of business in Chile. Her mainstay is nitrate, and until the present large stocks in Europe, America and on the spot have been disposed of the plants cannot be worked. The prospects of this at the present time are very remote.

(Source: The Board of Trade Journal).

WOOL IN SHANTUNG

According to "Echo de Chine," Tsingtao is developing into an important wool center with Japan as the principal point of destination. There are no statistics on wool production. It is roughly estimated that there are 500,000 sheep in Shantung which yield on the average about 1,300,000 pounds of wool annually of which about 270,000 pounds are consumed locally and the rest exported.

(Source: Bulletin Economique de L'Indochine).

Note:-It should be observed that estimates such as the above are more or less in the nature of a guess. A report from the American Consul at Dairen of March 17, 1920, quoted an estimate from a Japanese newspaper which gave the number of sheep in Shantung as 550,000 and the wool production as 3,000,000 pounds. These estimates are quoted merely as an indication of local opinions as to probable production.

NUMBER OF LIVE STOCK IN CHINA.

The International Institute of Agriculture publishes in its 1921 "International Yearbook of Agricultural Statistics," livestock statistics for China for the years 1914, 1915 and 1916. These were taken from the "Annuaire de Statistique Agricole et Commerciale (Yearbook of Agricultural and Commercial Statistics) which is published by the Chinese Government in Chinese. Out of twenty five provinces and districts data are lacking for the following: 1914, district of Chakar; 1915, provinces of Sauchuan and Yunnan; 1916, provinces of Ssu-Chuan, Kwangtung, Yunnan, Kweichow and part of Hunan. The totals for the remaining provinces and districts are as follows:

Live Stock.	1914.	1915.	1916.
Cattle	21,997,000	22,886,000	15,973,000
Swine	76,819,000	60,246,000	44,711,000
Sheep	22,186,000	23,905,000	22,232,000
Horses	4,934,000	4,744,000	4,401,000
Asses	4,394,000	5,140,000	3,660,000

NUMBER OF LIVE STOCK IN LATVIA, 1920 AND 1921.

Classification.	Number.	
	1920.	1921.
Horses	261,000	282,000
Cattle	768,000	780,000
Sheep	978,000	1,132,000
Swine	481,000	482,000

(Source: International Institute of Agriculture).

NUMBER OF POULTRY IN AUSTRALIA.

Poultry stocks are largely maintained by farmers, and production therefrom furnishes a considerable addition to the annual agricultural or dairying returns. During recent years, however, poultry-keeping has assumed an independent position among rural industries, while it is also carried on in conjunction with pig farming. There is some difficulty in obtaining correct figures for the yield of poultry products. The following values are returned.

	£ Sterling
1914-15	4,535,972
1915-16	4,903,538
1916-17	5,017,453
1917-18	5,646,619
1918-19	6,739,232

(Source: Official Yearbook of the Commonwealth of Australia, 1901-1919 No. 13, 1920, page 415).

NUMBER OF POULTRY IN NEW ZEALAND.

Date	Chickens	Ducks	Turkeys	Geese	Other poultry
1906	2,784,000	282,000	77,000	44,000	4,000
1911	3,215,000	329,000	98,000	45,000	6,000
Census, 1916	3,141,000	221,000	57,000	47,000	2,000

(Source: New Zealand Official Yearbook, 1920, page 244).

NUMBER OF POULTRY IN IRELAND, 1911 TO 1920.a.

June 1 -	Poultry.	June 1 -	Poultry
1911	25,448,000	1916	26,473,000
1912	25,526,000	1917	22,245,000
1913	25,701,000	1918	24,424,000
1914	26,919,000	1919	.....
1915	26,089,000	1920	.....

(Source: Agricultural Statistics, Ireland, 1920, page 10).

a. It was found impracticable to make an estimate of the number of poultry in Ireland in 1919 or 1920, but the returns indicated an increase.

NUMBER OF POULTRY IN JAPAN, 1910 - 1920.

Years ending June	Chickens			Ducks		
	Matured	Young	Total	Matured	Young	Total
1910	12,213,614	8,198,643	20,412,000	187,879	186,928	375,000
1911	12,503,196	8,145,412	20,649,000	192,628	212,117	405,000
1912	12,441,740	7,813,303	20,255,000	184,976	185,777	371,000
1913	12,055,205	7,477,380	19,533,000	166,861	170,397	337,000
1914	11,766,708	7,385,771	19,152,000	168,325	164,833	333,000
1915	11,985,039	8,260,693	20,246,000	157,991	177,146	335,000
1916	13,028,652	9,817,093	22,846,000	174,081	197,446	372,000
1917	14,348,627	11,711,196	26,060,000	173,987	215,645	390,000
1918	14,095,886	10,995,635	25,092,000	168,995	204,541	374,000
1919	13,734,994	11,291,698	25,027,000	176,877	228,805	406,000
1920	13,715,206	11,278,783	24,994,000	173,557	236,187	410,000

(Source. The Agricultural and Commercial Statistics for 1921.)

NUMBER OF POULTRY IN CHOSEN (KOREA).

Date.	Poultry	Date.	Poultry.
1910	2,796,000	1915	4,278,000
1911	3,421,000	1916	4,400,000
1912	3,932,000	1917	4,567,000
1913	4,194,000	1918	4,913,000
1914	4,110,000		

(Source. The Agricultural and Commercial Statistics for 1921).

EXPORTS OF CHICLE FROM GUATEMALA.

The exports of chicle from Guatemala in 1920, amounted to 811,000 pounds, compared with 536,000 in 1919 and 388,000 in 1913. British Honduras is by far the larger market, taking 788,000 pounds in 1920, United States takes the remainder of the export trade.

(Source: Commerce Reports).

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON MAY 13, 1921 AND 1922.

The English Currency has been converted to United States Currency according to the exchange rates prevailing on May 13, 1921 and 1922.

Commodity and Grade.	Shillings-Pence per unit of quantity.				Cents per unit of quantity.			
	1921		1922		1921		1922	
	Low.	High.	Low.	High.	Low.	High.	Low.	High.
	Per quarter of 504 pounds.				Per bushel of 60 pounds.			
Wheat:								
English	82/0	94/0	59/0	61/0	195.4	224.0	156.2	161.5
Australian	....	....	62/6	64/0	.....	.....	165.5	169.4
Foreign	78/0	92/0	57/0	66/0	185.9	219.2	150.9	174.7
	Per quarter of 480 pounds.				Per bushel of 56 pounds.			
Corn:								
Argentine	51/0	53/0	41/0	43/0	119.1	123.8	106.4	111.6
American	45/0	46/0	34/0	35/0	105.1	107.5	88.2	90.8
Rumanian	52/0	53/0	43/0	44/0	121.5	123.8	111.6	114.2
South African .	53/0	53/6	37/6	38/6	123.8	123.8	97.3	99.9
	Per cwt. of 112 pounds.				Per pound.			
Bacon:								
Irish (ex-factory):								
Sixes	165/0	173/0	157/0	159/0	29.5	30.9	31.1	31.5
Extra heavy ...	150/0	.....	153/0	.....	26.8	....	30.4	....
Danish:								
No. 1 sizeable	172/0	.....	151/0	.....	30.7	....	30.0	....
Seconds	160/0	175/0	140/0	144/0	28.6	31.3	27.8	28.6
Swedish:								
No. 1 sizeable	135/0	145/0	149/0	151/0	24.1	25.9	29.6	30.0
Seconds	120/0	125/0	.....	.....	21.4	22.3	....	....
Dutch:								
No. 1 sizeable	130/0	140/0	141/0	142/0	23.2	25.0	28.0	28.2
Seconds	110/0	120/0	136/0	.....	19.7	21.4	27.0	....
Canadian:								
Leanest	130/0	140/0	130/0	135/0	23.2	25.0	25.8	26.8
Lean	130/0	135/0	130/0	135/0	23.2	24.1	25.8	26.8
Stout & heavy ..	115/0	130/0	125/0	132/0	20.6	23.2	24.8	26.2
Seconds	105/0	110/0	116/0	122/0	18.8	19.7	23.0	24.2
American Wiltshire Sides								
Leanest	110/0	120/0	96/0	105/0	19.7	21.4	19.0	20.8
Lean	110/0	120/0	95/0	105/0	19.7	21.4	18.8	20.8
Stout	110/0	115/0	98/0	.....	19.7	20.6	19.4	....
Seconds	100/0	110/0	95/0	.....	17.9	19.7	18.8	....
Cumberland cut	125/0	128/0	98/0	100/0	22.3	22.9	19.4	19.8

GREAT BRITAIN:- PRICES OF WHEAT, CORN, BACON AND LARD ON MAY 13, 1921 AND 1922 (Continued)

Commodity and Grade	Shillings-Pence per unit of quantity.				Cents per unit of quantity.			
	1921		1922		1921		1922	
	Low	High	Low	High	Low	High	Low	High
	Per cwt. of 112 pounds.				Per pound.			
American Wiltshire sides,-Cont'd.								
Cumberland bellies (Eng. cut)	112/0	119/0	76/0	81/0	20.0	21.3	15.1	16.1
Lard:								
Irish bladders	65/0	75/0	72/0	80/0	11.6	13.4	14.3	15.9
" boxes ...	61/0	83/0	65/0	66/0	10.9	14.8	12.9	13.1
Danish	74/0	74/6	68/6	70/0	13.2	13.3	13.6	13.9
U.S. pails	74/3	....	....	....	13.3	....	....	.....
U.S. Cartons ...	....	.....	71/0	72/0	....	....	14.1	14.3
U.S. boxes	67/0	73/6	68/0	68/6	12.0	13.1	13.5	13.6
U.S. tierces ..	66/0	....	68/0	68/3	11.8	....	13.5	13.5
Dutch	....	....	66	66/6	....	....	13.1	13.2

(Source: Grocer and Oil Trade Review).

COFFEE IN COLOMBIA.

Colombia in 1906 produced 605,000 bags of coffee and in 1918, 1,102,000 bags. The new plantations, which were laid out in 1914, increased the production in 1919 to 1,300,000 bags and the current crop will probably reach 1,600,000 bags. Experts who have studied local conditions say that within the next ten years the Colombia coffee crop will reach well above 3,500,000 bags.

(Source: Commercial Intelligence Journal).

Note:- One bag weighs approximately 132 pounds.

COFFEE IN NICARAGUA.

It is estimated that the 1921-22 coffee production in Nicaragua will not exceed 40% of a normal crop; the shortage being due to heavy rains at the time the trees were in blossom. Coffee exports during January 1922 were 533,251 pounds, of which 338,291 pounds went to the United States and during February 1,176,312 pounds, the United States taking 767,918 pounds.

(Source: Commerce Reports).

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